NOTICE

THIS DOCUMENT HAS BEEN REPRODUCED FROM MICROFICHE. ALTHOUGH IT IS RECOGNIZED THAT CERTAIN PORTIONS ARE ILLEGIBLE, IT IS BEING RELEASED IN THE INTEREST OF MAKING AVAILABLE AS MUCH INFORMATION AS POSSIBLE

Handbook of Solar Energy Data for South-Facing Surfaces in the United States

Volume III: Average Hourly and Total Daily Insolation Data for 235 Localities (North Carolina - Wyoming)

Jeff H. Smith

(NASA-CR-163000) HANDBCCK CF SOLAR ENERGY B80-22785
DATA FOR SOUTH-FACING SURFACES IN THE UNITED STATES. VOLUME 3: AVERAGE HOURLY AND TOTAL DAILY INSOLATION DATA FOR 235 LCCALITIES. Unclas NORTH CAROLINA - WYOMING (Jet Propulsion G3/44 18058

January 15, 1980

Prepared for
U.S. Department of Energy
Through an agreement with
National Aeronautics and Space Administration
by
Jet Propulsion Laboratory
California Institute of Technology
Pasadena, California

(JPL Publication 79-103, VOLUME III)



5101-91, Vol. III Low-Cost Solar Array Project

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The JPL Low-Cost Solar Array Project is sponsored by the Department of Energy (DOE) and forms part of the Solar Photovoltaic Conversion Program to initiate a major effort toward the development of low-cost solar arrays.

This report was prepared as an account of work sponsored by the United States Government. Neither the United States nor the United States Department of Energy, nor any of their employees, nor any of their contractors, subcontractors, or their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness or usefulness of any information, apparatus, product or process disclosed, or represents that its use would not infringe privately owned rights.

PREFACE

Appendix D of the three-volume report A Handbook of Solar Energy Data for South-Facing Surfaces in the United States is presented in Volumes II and III. It gives average hourly and daily total insolation estimates for 235 U.S. sites at a variety of array tilt angles.

The reader should refer to Volume I for the insolation, array shadowing, reflector augmentation models, and the computer program used to generate this Appendix.

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| | 0.184 | DAILY TOTA | RADIATION | 6664664 6664664 6664664 | 0.185 | DAILY TOTA | RADIATION | 33333333333333333333333333333333333333 | 0.187 | DAILY TOTA | RADIATION | 44444444 444666444 467484866 |
|-----------|-------------|------------|-----------|---|----------|------------|-----------|--|--------|-------------|-----------|---|
| | K 0: | | | 00000000 | KĎ: | _ | | 00000000 | Ë | | 20 | 00000000 |
| TES | | | 19 | | | | 13 | | | | - | 000000000 |
| MINUTES | 430 | | 18 | 00000000 | 245 | | • | 00000000 | 477 | | 13 | |
| 5 13 | • | | 17 | 000000000 | • | | 17 | | 9 | | 17 | |
| DEGREE | <u>:</u> | | 16 | 00000000 | <u>:</u> | | 16 | | Ë | | | 22.000000000000000000000000000000000000 |
| 35 DI | A | - | 15 | 66000000 2777777777777777777777777777777 | ¥ | _ | 15 | | ₩. | - | 15 | 00000000000000000000000000000000000000 |
| ITUDE | | IATION | 14 | | | IATIO | 14 | | | IATION | 14 | 0000000000 4000000000 604444400 |
| LATI | 0.20 | R RAD | 13 | | 0.20 | R RAD | _ | 800000000 444000000000 4640000000000 | 0.20 | R RAD | 13 | |
| Š | ITY: | SOLA | - | | 77: | SOLA | 12 | | ITY: | SOLA | 12 | |
| | EFLECTIV | HOURLY | 11 | #################################### | ECTIVI | HOURLY | 11 | | ECTIV | HOURLY | 1 | |
| E | REFL | Ī | 9 | BBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB | REFL | Ī | 10 | 000000000 W4444444 | REFL | Ξ | | 000000000 4 11 12 12 13 13 13 13 13 13 13 13 13 13 13 13 13 |
| CHARLOTTE | | | • | 000000000 | | | • | 900000000 80000000000000000000000000000 | | | ٥ | 6000000000 600000000000000000000000000 |
| ¥5 | _ | | • | 900000000 91100000000000000000000000000 | m | | •• | | | | | 000000000000000000000000000000000000000 |
| LOCATION | 5.2 | | ^ | 000000000 | 6.9 | | ^ | | 8.7 | | | 72222777 |
| 201 | . HO: | Ŧ | • | 60000000 | 2 | H | • | 80000000 | . #Ö. | I | | 000000000 |
| | HORIZ | SOUTH | Ŋ | | HORIZ | SOUT | 8 | | HORIZ | SOUT | S | 00000000 |
| | ~ | : NOI. | | 600000000 | ~ | : NOI | | 99999999 | m | ICH: | • | 00000000 |
| | MONTH: | ORIENTAT | | 7 × × × × × × × × × × × × × × × × × × × | MONTH: | ORIENTATI | i | 74 30 30 30 30 30 30 30 30 30 30 30 30 30 | MONTH: | ORIENTAL | | 711 720 720 720 720 720 720 720 720 720 720 |

| | 0.186 | AILY TOTAL | RADIATION | សលសលសលក្នុង ស្នុស្នុសស្គាល់ សស្សស្នុសស្នុក | 0.186 | AILY TOTAL | RADIATION | พพพพพพพ 88 88 88 88 98 98 98 | 0.185 | AILY TOTAL | RADIATION | ๑๛ฃ๗๗๗๗๔ ๑๐฿๛๚๛๚๛ ๑๚๛๛ฃ๗๗๗๔ |
|----------|----------|------------|-----------|--|-----------|------------|-----------|--|--------|------------|------------|--|
| | KD: | Ω | 20 | 00000000 | KD: | Ω | | 00000000 | KD: | Q | 20 | 00000000 |
| ES | | | 19 | 000000000 | | | 19 | 00000000 | | | → 1 | 000000000 |
| MINUT | 17 | | | 00000000000000000000000000000000000000 | 17 | | 18 | 0.00 | 20 | | | 00.00 |
| 13 | 0.5 | | 17 | HUUUUUUU | 0.5 | | 17 | 00.22 | 0.5 | | 17 | 147902336 |
| GREES | •• | | 91 | | •• | | | 00000000000000000000000000000000000000 | •• | | 16 | 448088884 808784884 |
| 35 DE(| X | | 15 | 400044444 4000481-40 | K | | 15 | ろりららなななる のうここののもなて | ¥ | | İ | |
| ш | | ATION | 14 | | | ATION | 14 | 6666666666 6666 666666666 6666 | | ATION | 14 | 448998894 448998894 |
| ATITUD | . 20 | RADI | 13 | | .20 | RADI | 13 | & \trace{\pi} \\ \pi | .20 | RADI | 13 | 77799999999999999999999999999999999999 |
| S S | 1Y: 0 | SOLAR | 12 | 646212216 | TY: 0 | SOLAR | - | 5629 | TY: 0 | SOLAR | 12 | 5668012332 |
| _ | STIVI | JURLY | 11 | \$\partial \partial | CTIVI | OURLY | 11 | \$\tau_0\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | CTIVI | URLY | 11 | V |
| ш | REFLE | 1.3 | 10 | 000000000000000000000000000000000000000 | REFLE | HO | 10 | | REFLE | H | 10 | |
| RLOTT | | | δ | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | • | 00000000000000000000000000000000000000 | | | 0 | 00000000000000000000000000000000000000 |
| CHA | | | €0 | 00000 00000 00000 00000 00000 00000 0000 | | | •0 | 00000000000000000000000000000000000000 | | | •0 | 00000000000000000000000000000000000000 |
| LOCATION | 10.34 | | | 000000000000000000000000000000000000000 | 11.32 | | | 000000000000000000000000000000000000000 | 11.65 | | | 00.23 |
| LOCA | H0: | x | 9 | 000000 000000 000000000000000000000000 | .: HO: | I | 9 | 0000000 000000 0000000 00000000 | H0: | ,± | 9 | 0.03 0.05 0.05 0.05 0.05 |
| | HORIZ. | SOUTI | | 000000000 | HORIZ. | SOUTH | Ŋ | | HORIZ. | SOUT | Ŋ | 000000000000000000000000000000000000000 |
| | . | ION: | | 00000000 | 5 | : NOI | | 000000000 | 9 | ION: | | 00000000 |
| | MONTH: | ORIENTAT | | 7117 2220 220 220 20 20 20 20 20 20 20 20 20 | MONTH: | ORIENTAT | i | 60000000000000000000000000000000000000 | MONTH: | ORIENTAT | i | 1111 10.0 20.0 30.00 30.00 50.00 60.00 |

| | 0.186 | DAILY TOTAL | RADIATION | พพพพพพพ ล์พัน ล์พัน พัน พัน พัน พัน | 0.185 | DAILY TOTAL | RADIATION | សលុខភាពក្នុង ស្នុងប្រុស្ធភាពក្នុ សេទ្ធភាទ ្រុងដ | 0.186 | DAILY TOTAL | RADIATION | 444400444 4799000000 6000000 |
|----------|--------|-------------|-----------|---|--------|-------------|-----------|--|--------|-------------|-----------|--|
| | KÖ: | | 20 | 00000000 | KĐ: | | | 00000000 | KĐ: | | 20 | |
| ES | | | 19 | | | | ~ | 00000000 | | • | 19 | |
| MINUTE | 11 | | 18 | | 521 | | 18 | | 16 | | 18 | |
| 13 | 0.5 | | 17 | 00000000000000000000000000000000000000 | 0.5 | | 17 | 00.19 00.13 00.13 00.14 0.14 | 0.5 | | 17 | 1222222 |
| DEGREES | | | 16 | 00000000 00000000 00000000000000000000 | •• | | 16 | | •• | | 16 | |
| 35 DE | X | | 15 | 00000000 00000000 00000000000000000000 | K | | 15 | | KT | | 15 | |
| TUDE | | ATION | 14 | | | ATION | 14 | | | ATION | 14 | 00000000 00000000 000000000000000000 |
| LATIT | .20 | RADI | 13 | 00000000 000000 0000000 00000000000000 | .20 | RADI | 13 | 0.00 0.70 0.70 0.70 0.60 0.60 0.60 0.60 | .20 | RADI | 13 | 0000000 0000000 0000000000000000000000 |
| S | TY: 0 | SOLAR | - | 0.71 | TY: 0 | SOLAR | 12 | | TY: ŋ | SOLAR | 12 | 0000000 000000 000000 000000 000000 |
| | ECTIVI | OURLY | 11 | | ECTIVI | OURLY | 11 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | CTIVI | URLY | 11 | |
| μ | REFLE | 뮢 | 10 | 00000000000000000000000000000000000000 | REFLE | 2 | 10 | | REFLE | 9 | \vdash | DOD-2000 NNNNNNNNNN NNNNNNNNNNNNNNNNNNNNN |
| RLOTTE | | | • | 00000000000000000000000000000000000000 | | | 0 | 000000 000000 0000000 00000000 | | | 0 | 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 |
| CHA | | | | 00000000000000000000000000000000000000 | | | •• | 2000000 200000000000000000000000000000 | | | •6 | 0.29 0.30 0.30 0.30 0.30 0.29 |
| LOCATION | 11.30 | | 7 | 00000000000000000000000000000000000000 | 10.26 | | ^ | 00011880001180 | 8.65 | | ^ | 100000000000000000000000000000000000000 |
| 10C | . HO: | H | 9 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 당 | E | • | 00000000 00000000 00000000 | H | Ξ | • | |
| | HORIZ | SOUTH | Ŋ | 00000000 | HORIZ | SOUTH | ĸ | | HORIZ | SOUTH | 10 | 00000000 |
| | 7 | : NOI | | 00000000 | •0 | ATION: | • | 00000000 | • | TION: | | 00000000 |
| | MONTH: | ORIENTAT | | 41[1 10.00 220.00 320.00 40.00 60.00 | MONTH: | ORIENTAL | | 1111 10.00 250.00 350.00 40.00 60.00 | MONTH: | ORIENTAT | | 7171 10.00 20.00 30.00 50.00 50.00 60.00 |

| | 0.182 | DAILY TOTAL | RADIATION | 1 | 6.70 6.15 | ų, « | | . | , o | •0 | 0.185 | DAILY TOTAL | RADIATION | • | 3.27 | ٠٠. | 6.0 | 10 | | 0.186 | DAILY TOTAL | RADIATION | 20000 00000 00000 00000 | 40040 | |
|----------|----------|-------------|------------|---|-------------------|--------|-----------|----------|------|-----------|--------|-------------|-----------|----|---------------------------------|----------|-------|--------|----------|----------|-------------|------------|----------------------------------|------------|---|
| | KD: | | 20 | i | 000 | ٠ | | • | ٠ | • • | KD: | | | i | 200 | | • | • | • | ΚĐ | | | 20000 | | |
| TES | | | | 1 | 000 | • | • • | • | ٠ | • • | | | | i | 900 | | • | • | • | | | | 00000 | · • • • | |
| MINUT | 245 | | ~ | i | 000 | | | 0 | | | 522 | | 18 | 1 | -00 | | • | | | 460 | | 18 | 00000 | | |
| s 13 | | | ~] | ! | 0.0 0.0 4.0 | 0.0 | | 0. | 0.0 | | | | | ı. | 000 | • | • | • | | | | | 00000 | · · · · · | |
| EGREE | - | | 16 | į | 0.19 | ώc | . v | 10 | vi c | ici | Ë | | 16 | 11 | 0.11 | | 7. | viv | 15. | <u>:</u> | | 16 | 0.09 | ree | |
| 35 DI | <u>~</u> | _ | 15 | ! | 0.34 | 4.4 | • | 3 | 4.0 | • | ¥ | - | 15 | 1 | 0.25 | ? ٢ | WW | m a | • | <u>¥</u> | z | 15 | -00000 | i wi wi wi | |
| ITUDE | | ATION | 14 | 1 | 0.46 | ເບ | jĸ | | ۰,۷ | 5.63 | | ATION | - | 1 | 0.36 | 4 | r. | יניי | יאו | | ATIO | 14 | SHWAA | 4444 | |
| LATIT | .20 | RADI | | ! | 0.54 | 9,1 | ی د | 9 | 9,1 | 9. | 0.50 | R RADI | 13 | 1 | 00.4 | Üĸ | in a | 40.4 | | 0.20 | R RADI | | W4444 | היהיהיה | |
| NC NC | TY: 0 | SOLAR | \vdash | 1 | 0.56 | 9,4 | 0, | · _ | Ľ٢ | `` | [TY: 0 | SOLAR | | ŀ | 0 0 0 0 0 0 0 | ί. | 94 | 9.4 | φ. | ITY: 0 | SOLAF | | MAGNIC | រសស្សស | , |
| | ECTIVI | OURLY | 1 | 1 | 0.54 | 9,4 | 9 4 | 9 | ٠, م | 9. | ECTIVI | OURLY | 11 | 1 | 0.50 | ų, r | יני א | 9 | | ECT IV | OURLY | 11 | | ເທດເກ | , |
| <u> </u> | REFLI | Ĭ | 10 | 1 | 0.46 | ון יעו | Ü r | , w | 9 | ٠. د ت | REFL | 莱 | 10 | 1 | 0.36 | 4.4 | ι, r | היה | . ru | REFLI | Ī | 10 | | 4444 | |
| ARLOT | | | 6 | ļ | 0.34 | 4. | 4 | 4 | 4 | * 4 | | | 0 | 1 | 0.25 | W | MW | . W. K | | | | σ. | 0.19 | 110101011 | • |
| CH | m | | •0 | 1 | 0.19 | ώi | iv | i∽ | ώı | ivi | 23 | | ಖ | ł | 0.11 | <u> </u> | | icic | ; c; | - | | 6 0 | 0.07 | ::::::: | |
| OCATION | 6.8 | | ^ | 1 | 0.04 | 30 | ? C | | 0,0 | | 5 2 | | 7 | İ | 00 | • | • • | | | 4.6 | | 7 | 00000 | | • |
| 100 | . HO: | H. | • | i | 0 0 0 | • | • | | • | | . HO: | Ħ | 9 | ŀ | 2.0 2.0 | • | | | | . HO: | H. | • | 00000 | | |
| | HORIZ | SOUT | ĸ | | 0.0 | • | • | | • | • • | HORIZ | SOUTH | ĸ | 1 | 0 0 | • | • • | • • | | HORIZ | SOUT | ĸ | 00000 | - • • • · | • |
| | 10 | TION: | | | 0.0 | • | • | | • | | 11 | TION: | | ı | 0 0 | • | • | ٠. | | 12 | TION: | | 00000 | | • |
| | MONTH: | ORIENTA | | _ | 0.0 | 0.0 | ٠. د د | 5 IV | 0.0 | | MONTH: | ORIENTA | | _ | 0.0 | 0.0 | | 000 | | MONTK: | ORIENTA | | -00000 | | • |

| | 0.185 | DAILY TOTAL | RADIATION | 22552222222222222222222222222222222222 | 0.186 | DAILY TOTAL | RADIATION | & & & & & & & & & & & & & & & & & & & | 0.188 | DAILY TOTAL | RADIATION | 4444444 66666666 666666 66666 |
|---------|--------|-------------|-----------|--|--------|-------------|------------|---|--------|-------------|-----------|---|
| | KD: | | | 00000000 | KD: | | | 00000000 | KD: | | | 00000000 |
| LES | | | 19 | 00000000 | | | 1 | 00000000 | | | | 00000000 |
| MINUT | 65 | | ~ I | 00000000 | 163 | | ~ 1 | 00000000 | 501 | | 18 | |
| 54 | 9.0 | | 17 | | 4.0 | | | 00000000000000000000000000000000000000 | 0 | | 17 | 00.122 |
| GREES | ,·• | | 16 | 00.115 00.115 00.115 00.115 198 | •• | | 91 | 0000000 0000000 0000000000000000000000 | •• | | | 0.27 0.30 0.30 0.30 0.30 0.29 |
| 34 DE | X | | 15 | 00000000000000000000000000000000000000 | X | | 15 | 0000000 000000000000000000000000000000 | X | _ | 15 | |
| .nde | | ATION | ~ | 0000000 000000 0000000 000000000 | | ATION | 51 | 04440000000000000000000000000000000000 | | ATION | 14 | 00.51 00.51 00.52 00.52 00.53 00.53 |
| LATIT | .20 | RADI | 13 | 00000000 00000000 000000000000000000 | .20 | RADI | ~ | 00.00 00 | .20 | RADI | 13 | 00000000000000000000000000000000000000 |
| ¥C | TY: 0 | SOLAR | 12 | 00000000 00000000 00000000 000000000 | TY: 0 | SOLAR | - | 9.00 9.00 9.00 9.00 9.00 9.00 9.00 9.00 | TY: 0 | SOLAR | 12 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 |
| | CTIVI | OURLY | 1 | 000000 00000 00000 00000 00000 | ECTIVI | OURLY | 11 | • -, | ECTIVI | OURLY | - | 20000000000000000000000000000000000000 |
| POINT | REFLE | Ĭ | 10 | 00000000 mm4444444444444444444444444444 | REFLE | ¥ | 1.0 | | REFLI | Ĭ | - | 00000000000000000000000000000000000000 |
| EP.RY I | | | 0 | 00000000 00000000 000000000000000 | | | 0 | 00000000000000000000000000000000000000 | | | | 000000000 4444444444 18660000000 |
| CHE | | | ≈ | 000000000000000000000000000000000000000 | | | | 0000000 1.000000 1.0000000 2.000000000000000000000000000000000000 | | | •0 | 00000000000000000000000000000000000000 |
| ATION | 5.32 | | | | 6.98 | | ~ | 0000000 0000000 00000000000000000 | 8.73 | | 7 | 222222222 |
| LOCA | 9 | æ | | 00000000 | : OH | . | | 00000000 00000000 | H0: | × | 9 | |
| | HORIZ. | SOUTH | ī | 00000000 | HORIZ. | SOUTH | 'n | 00000000 | HORIZ. | SOUTI | | 00000000 |
| | - | TION: | | 00000000 | 8 | TION: | | 00000000 | ٣ | TION: | | 000000000 |
| | MONTH: | ORIENTA | ; | 715 700 700 700 700 700 700 700 700 700 70 | MONTH: | ORIENTA | ; | - 2000000000000000000000000000000000000 | MONTH: | ORIENTA | i | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |

| | G.182 | DAILY TOTAL | RADIATION | NNNNNNNNA 3000 3 | 0.183 | DAILY TOTAL | RADIATION | & & & & & & & & & & & & & & & & & & & | 0.184 | DAILY TOTAL | RADIATION | >> \u0000\u0000\u0000\u0000\u0000\u0000\u0000\u000\ |
|---------|---------|-------------|---------------|---|--------|-------------|-----------|---|---------|-------------|------------|---|
| | KD: | | 2 | 000000000 | KD: | | | 00000000 | ξ | | 20 | 000000000 |
| ES | | | - | 00000000 | | | | 0000000 | | | 19 | |
| MINUT | 946 | | 18 | 00000000 0000000 00000000 | 3.6 | | 31 | 000000 1000000 000000 000000 | 325 | | 18 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 |
| 5 54 | 0.5 | | 17 | 00.10 | 6.5 | | - | 000000000000000000000000000000000000000 | g. 5 | | | 0.25 00.25 00.25 00.20 00.14 |
| EGREES | :- | | 16 | 000000 00000 00000 00000 00000 00000 0000 | Ë | | - | 44.000000 44.00000000000000000000000000 | Ë | | 16 | 00.00 00 |
| 34 DI | ¥ | 7 | 15 | 000000000 2000000000000000000000000000 | ¥ | ~ | 15 | 00000000000000000000000000000000000000 | ¥ | -y- | | 000000000 000000000 0000000000000000 |
| TUDE | | IATIO | $\overline{}$ | 000000000 00000000 00000000 000000000 | | IATIO | - | 0000000 0000000 0000000 000000000 | | IATION | ~ | 00000000 000000 00000 00000 00000 00000 0000 |
| LATI | 0.20 | R RAD | 13 | 00.00 00 | 0.20 | R RAD | 13 | 00000 00000 00000 00000 00000 00000 | 0.20 | R RAD | 13 | 0.72 |
| NC N | 1 TY: 1 | SOLAI | | 00000000 00000000000000000000000000000 | ITY: (| SOLA | 12 | 0.75 0.75 0.75 0.75 0.75 0.75 0.56 | ITY: (| SOLA | 12 | 0.00 0.72 0.00 0.69 0.69 0.69 0.69 |
| | ECTIV | HOURLY | 1 1 | 00.00 00 | ECTIV | OURLY | = | 00 00 00 00 00 00 00 00 00 00 00 00 00 | ECT IV. | OURLY | | 00.772 |
| POINT | REFL | Ī | 10 | CODOOODOO | REFL | Ŧ | 0 | 0000000 666666666666666666666666666666 | REFL | Ŧ | 10 | 6 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |
| ERRY | | | 0 | 00 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | o | 00000000 0000000 00000000 0000000000 | | | • | 00000000000000000000000000000000000000 |
| CH | \$ | | •0 | 00000000 00000000000000000000000000000 | ٥, | | ∞ | 44.00 00 00 00 00 00 00 00 00 00 00 00 00 | ĸ | | 9 Ô | 0.29 0.33 0.29 0.29 |
| OCATION | 10.36 | | 7 | 000000000000000000000000000000000000000 | 11.33 | | 7 | 0.25 0.22 0.22 0.13 0.17 0.17 | 11.6 | | | 0.25 0.25 0.22 0.17 0.11 |
| 10C/ | . HO: | Ξ | 9 | 00000000 | . HC: | Ξ | 9 | 000000000000000000000000000000000000000 | . HO: | 1 H | 9 | 0.0000000000000000000000000000000000000 |
| | HORIZ | SOUTI | | | PORIZ | SOUTH | | 000000000 | HORIZ | SOU | S | 000000000000000000000000000000000000000 |
| | J | TICN: | | 00000000 | 5 | IION: | J | 30000000 00000000 | 9 | TION: | | |
| | MONTH: | ORIENTA | | 111 10.00 20.00 30.00 46.00 60.00 60.00 | MONTH: | ORIENTAL | | 250.00 250.00 250.00 250.00 250.00 250.00 | HINOM: | ORIENTAL | ; | 71 0.0 0.0 25.00 35.00 60.00 60.00 |

| | 0.187 | AILY TOTAL | RADIATION | NUNUNUNA4 | 0.188 | AILY TOTAL | RADIATION | WWWWWWA44 | 0.185 | AILY TOTAL | RADIATION | 444000444 47400000000000000000000000000 |
|---------|--------|------------|-----------|---|---------|------------|-----------|--|------------|------------|-----------|---|
| | KD: | Ω | 20 | 00000000 | KD: | Ω | 20 | 00000000 | KD: | ۵ | | 00000000 |
| ES | | | 19 | | | | 13 | | | | | 00000000 |
| MINUT | • | | - | | = | | ~ | | • 0 | | - | 00000000 |
| 54 4 | 0.51 | | 17 | | 0.50 | | 17 | 25.55.52 25.55.52 25.55.52 25.55.52 | 0.51 | | 17 | |
| GREES | | | | | | | ~ | | | | 1 | 22.00000000000000000000000000000000000 |
| 4 DEG | KT. | | 15 | | KT: | | 15 | 4444444 6000000000000000000000000000000 | K7: | | ; | 74444444 744444 7444444 74444444444444 |
| DE 3 | | TION | 4 | 1 000000000000000000000000000000000000 | | TION | 14 | 00000000000000000000000000000000000000 | | TION | 4 | WWWWWWWWW WWWWWWWWW WWWWWWWW WWWWWW WWW WWW WWW WWW W |
| ATITUD | 20 | RADIA | | | 20 | RADIA | 13 | \$ | 20 | RADIA | , | 65 6 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 |
| ر د | | OLAR | | | Y: 0. | OLAR | | 33.33.33.33.33.33.33.33.33.33.33.33.33. | . 0 | OLAR | 8 | 70000 |
| Z | TIVIT | RLY S | 11 | | TIVITY | RLY S | 11 | nooooooo | TIVITY | RLY S | | 000000000000000000000000000000000000000 |
| INI | EFLEC | HOUR | | | EFLEC. | HOUR | 0 | | EFLEC. | HOUR | | WWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW |
| Y P0 | ã | | | 1 WWWW4444W 2 WWWW4444W 1 WWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW | ₹ | | | 777778 777778 777778 77777 7777 7777 7 | ă. | | • | 44444444 W467776W 000000000 |
| CHERR | | | ∞ | 20000000000000000000000000000000000000 | | | •• | 28 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | 229000 |
| NO | .30 | | | 112 113 114 114 115 116 116 117 117 117 117 117 117 117 117 | . 28 | | 7 | 1138 00. 114 00. 115 00. 125 00. | . 68 | | 7 | |
| OCATION |): 11 | | | 0000000 | 1: 10 | | | | •o | | | 00000000 |
| Ľ | . H0 | H | | 100000000 | .: 면 | OUTH | | | : H0 | Ħ | | |
| | HORIZ | SOUT | | 000000000 | HORIZ | SOL | | 000000000 | HORIZ | SOUT | | 00000000 |
| | 7 | TION: | | 00000000 | €0 | TION: | | 00000000 | ٥ | r I ON: | | 000000000 |
| | 10NTH: | RIENTAI | | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 | IONTH: | RIENTA | - | | IONTH: | RIENTATI | | |

| | 0.183 | DAILY TOTAL | RADIATION | 3.69 4.13 | .0. | ~ ∞ | ₩. | | 0.152 | DAILY TOTA | RADIATION | •0 | M 60 | 6 | 101 | 4.51 5.72 |) | 0.187 | DAILY TOTAL | RADIATION | 2.22 2.22 2.22 2.25 2.25 2.25 2.25 2.25 | |
|---------|------------|-------------|-----------|--|--------|-------|---------|---|--------|------------|---|--------|--------------|-----|-------------|---|---|------------|-------------|-----------|--|--|
| | KD: | | 20 | 000 | • • | | | : | Ë | | | | | ٠ | • • | 900 | • | Ř Ö | | 20 | 00000000 | |
| TES | | | - | 000 | | | | | | | H ! | i - | | • | | 900 | • | | | 19 | 00000000 | |
| MINUT | 537 | | — | 000 | | | | | 541 | | | | | • | • • | -00 | • | 485 | | 18 | 00000000 | |
| 5 54 | 6 | | 17 | | 0.0 | o. o. | 00 | | 0 | | 17 | 0. | 00 | 0,0 | 900 | | | 0 | | 17 | 00000000 | |
| GREE | <i>:</i> - | | 9 | 0.13 | ui | üü | isisi | | •• | | 9 | ! ": | -: -: | ٦. | -0.0 | 0.52 | | <i>:</i> : | | 16 | 0.07 0.12 0.13 0.15 0.15 0.15 | |
| 34 DE | KT | _ | 15 | | 44 | 4.4 | 44 | : | ⊊ | _ | 15 | 18 | m.n. | | 34. | 0.42 | • | K | | 15 | | |
| JQD. | | ATION | 14 | | יה יה | ה. ה | ייייייי | | | ATION | 14 | . m. | 4.4 | ٠. | ن بن ، | | | | ATION | 14 | 00.49 00.44 00.44 00.44 00.44 00.44 00.44 00.44 | |
| LATIT | .20 | RADI | 13 | | 9.9 | 9.9 | 9.0 | | .20 | RADI | 13 | 1 4. | יט יט | 9. | ٠٠٠ | 0.67 | • | .20 | RADI | ~ | 00000000000000000000000000000000000000 | |
| NG C | TY: 0 | SOLAR | 12 | 0.56 | 9.7. | | . 6 | | 17: 0 | SOLAR | 12 | 0.4 | 2.0 | ۰, | ٠٠٠ | 0.70 | : | TY: 0 | SOLAR | | 80000000000000000000000000000000000000 | |
| | ECTIVI | HOURLY | 11 | 0.53 | 8.6 | 9.9 | 9.99 | | ECTIVI | HOURLY | ======================================= | 14. | יט יט | 9. | ٠٠٠ | 0.67 | | CTIVI | URLY | 11 | 00000000000000000000000000000000000000 | |
| DINT | REFLE | ¥ | 10 | 0.6 0.51 7.7 | יי ייי | יט נא | | | REFLE | ¥ | $\overline{}$ | . w. | 4.4 | Ŋ, | نتن | 0 0 0 0 0 0 0 0 0 0 0 | • | REFLE | Н | _ | 000000000000000000000000000000000000000 | |
| ERRY P | | | | 000 000 000 000 000 000 | 4.4 | 44 | 44 | | | | 0 | 18 | m. w. | m, | 34. | 2.4.2 | • | | | δ | 000000 00000 00000 00000 00000 00000 0000 | |
| CHE | | | | 0.19 | 100 | 4 | iuu | | 60 | | •0 | 7 | <u></u> | ۳. | -101 | 0.22 | | _ | | 40 | 00.112 | |
| OCATION | 6.87 | | | 40.0 | | 0.0 | | | 5.2 | | | 10 | 0.0 | 0.9 | .0. | | • | 4.67 | | 7 | 00000000 | |
| 1007 | . HO: | E | 40 | 000 | | • | | | . HO . | Ξ | 9 | | | • | | 900 | • | . HO: | E | • | 00000000 | |
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| | 10 | ION: | | 000 | | • | | | 11 | :NOI. | | | | | | 000 | • | 12 | ION: | • | 000000000 | |
| | MONTH: | ORIENTAL | ; | 0.00 | 0.0 | 0.0 | | | MONTH: | ORIENTAT | | 1 0 | 0.0 | 5.0 | 50.0 0.0 | 50.00 | | MONTH: | ORIENTAT | ; | 11.1 10.0 10.0 20.0 30.0 35.0 60.0 60.0 | |

| | 0.185 | DAILY TOTAL | RADIATION | 2322222 232222 232222 222222 22222 | 0.185 | DAILY TOTAL | RADIATION | พพพพพพพพพ ๑พ.๑৮.๑๑๑.๑๑ ๑๛ ๗.พ๓๓๓๓๓ | 0.187 | DAILY TOTAL | RADIATION | ፋፋፋፋፋፋፋ ካፋክሳቴሪ አርመክክክሪያ |
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| TES | | | | 000000000 | | | 19 | | | | 19 | • • • • • • • • • • |
| MINUT | 440 | | | | 655 | | 18 | | 481 | | 18 | |
| 5 5 | 6 | | 17 | 00000000 | | | 17 | 0000000 0000000 4488800000 | 0 | | 17 | 000.122 |
| EGREE | :- | | 16 | | Ë | | 16 | 000000 000000 00000000 000000000 | ä | | 16 | 00000000000000000000000000000000000000 |
| 36 DI | 琞 | ~ | | 00000000 00000000000000000000000000000 | ¥ | 7 | 15 | 00000000 00000000000000000000000000000 | ¥ | z | 15 | |
| ITUDE | | ATION | 14 | 00000000 0000000 00000000 | | ATION | 14 | 00000000000000000000000000000000000000 | | IATION | 14 | 000000000 2000000000000000000000000000 |
| LATII | 0.20 | R RADI | 13 | 00000000 00000000 000000000 00000000 | 0.20 | R RADI | 13 | | 0.20 | R RAD | $\overline{}$ | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 |
| NC C | 17: | SOLAR | 12 | | TY: | SOLAR | 12 | | 7. | SOLAF | 12 | 000000000000000000000000000000000000000 |
| | ECTIVI | HOURLY | _ | 00000000 waaaaaaaa waaaaaaaa | ECTIVI | OURLY | 11 | | ECTIVI | OURLY | 11 | |
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| EENSBORO | | | σ. | 00000000 | | | ٥ | 00000000000000000000000000000000000000 | | | 6 | 000000000 84444444 |
| GR | 2 | | •• | 00000000 | - | | •• | 0.222 | | | •0 | 00000000 00000000 00000000000000000000 |
| OCATION | 5.1 | | 7 | 00000000 | 6.8 | | 7 | 00000000000000000000000000000000000000 | 80 | | ^ | 11777711 |
| 100 | . HO: | TH. | 9 | 00000000 | . HÖ | T.H. | 9 | 00000000 | . HO: | H | | |
| | HORIZ | SOUTH | 'n | | HORIZ | SOUTH | ľ | 00000000 | HORIZ | SOUTI | Ŋ | |
| | 7 | :NOI | | 00000000 | 8 | :NOI | | 00000000 | m | ATION: | 4 | 00000000 |
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| | 0.186 | DAILY TOTAL | RADIATION | NUNUNUNA4 NA44UNUSA HUVAVSA4U | 0.185 | DAILY TOTAL | RADIATION | NUNNUNU44 880 80 80 80 80 80 80 80 80 80 80 80 80 | 0.184 | DAILY TOTAL | RADIATION | 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
|----------|--------|-------------|-----------|---|---------|-------------|-----------|--|--------|-------------|-----------|--|
| | KD: | | | 00000000 | KD: | | | 00000000 | KÖ: | | | 00000000 |
| ES | | | 19 | 00000000 | | | 61 | | | | 19 | |
| MINUTES | 15 | | 13 | | 20 | | 18 | 000000000000000000000000000000000000000 | 528 | | 18 | 000000000000000000000000000000000000000 |
| N) | 0.5 | | 17 | 000000000000000000000000000000000000000 | 6.5 | | 17 | 00.22 | 0.5 | | 17 | 00 233 |
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| 36 DE | KT | _ | 15 | | 2 | _ | 15 | | Σ | | Ŋ | 00000000 0000000 000000000 000000000 |
| ITUDE | | ATION | 7.4 | 00000000000000000000000000000000000000 | | ATION | | 00000000000000000000000000000000000000 | | ATION | 14 | 00000000 00000000 00000000000000000000 |
| LATIT | .20 | RADI | 13 | 22222222 4444444 4444444 4444444444444 | 1.20 | RADI | 13 | 00000000000000000000000000000000000000 | 1.20 | RADI | | 00000000000000000000000000000000000000 |
| S S | TY: 0 | SOLAR | 12 | | ITY: 0 | SOLAR | 12 | 0.00 0.00 0.00 0.68 0.68 0.53 | ITY: 0 | SOLAR | _ | 000000000000000000000000000000000000000 |
| | ECTIVI | OURLY | 11 | | ECT IV] | HOURLY | | 0000000 0000000 0000000000000000000000 | ECTIVI | HOURLY | 11 | |
| 380 | REFLI | Ĭ | | 000000000 844468888 | REFLI | Ĭ | | 000000000 00000000 00000000 0000000000 | REFLI | ĭ | 10 | DODDDDDDDD |
| EENSBORD | | | 6 | 000000000 40004444 800088740 | | | | 00000000 | | | • | 000000000 00000000 0000000000000000000 |
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| | 0.185 | AILY TOTAL | RADIATION | NUNUNUNA 000.000.000.000 000.000.000 000.000. | 0.185 | AILY TOTAL | RADIATION | NKNNNNNA4 NNNA4NNA4 NOVONNUSA | 0.185 | AILY TOTAL | RADIATION | \$\$\$000000\$\$ \$\\\\\\\\\\\\\\\\\\\\\\\\\\ |
|---------|--------|------------|-----------|--|--------|------------|-----------|--|--------|------------|-----------|--|
| | KD: | à | ı | 00000000 | KD: | à | , | 00000000 | KD: | à | , | |
| S | | | 19 | | | | 19 | | | | 19 | 900000000 |
| MINUTE | • | | 18 | 000000000000000000000000000000000000000 | m | | 18 | 00000000 00000000000000000000000000000 | 8 | | 18 | 00000000 |
| ξ | 0.52 | | 17 | 25.25.25.25.25.25.25.25.25.25.25.25.25.2 | 0.52 | | 17 | 000000000000000000000000000000000000000 | 0.52 | | 17 | |
| REES | | | 91 | 22 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | | | 16 | | | | 16 | |
| 6 DEGR | KT: | | | NUNUNA444 NUNUNA4444 NUNUNOSCAS | K1: | | 15 | 4 W W W W W W A 4 4 4 4 4 4 4 4 4 4 4 4 | KT: | | 15 | 4444444 W5777764H |
| ы Б | | TION | | | | TION | 14 | 000000000 | | TION | 14 | 00000000 |
| TITUD | • | ADIA | ю | 1 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | | ADIA | m | 0000000000 | | ADIA | 8 | 000000000 |
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| | HORIZ. | SOUT | | | HORIZ. | SOUTH | 'n | 00000000 | HORIZ. | SOUT | 'n | |
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| | 0.183 | ILY TOTAL | ADIATION | 404.0 | 6.44 6.84 6.84 7.84 7.84 7.84 | 0.185 | ILY TOTAL | RADIATION | 0000000444 6110789100 4044786000 | 9.186 | ILY TOTAL | ADIATION | 33.55 |
|-----------|----------|-------------|----------|---------------------|--|--------|-----------|-----------|--|---------|------------|----------|---|
| | KD: | DA | | ! ! 0 000 | | KÖ: | DAI | ۰ ا | 00000000 | KD: | DA | € 1 | ! |
| | | | 2 | 0000 | | • | | 7 | | _ | | 8 | 0000 |
| UTES | | | 19 | 1 | 90000 | | | | 00000000 | | | 19 | |
| S MINUTE | .537 | | - | | VNV 4 4 4 B G G G G B G G G G | .521 | | 18 | 00000000 | .465 | | - | |
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| 52 MINUTES | |
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| 35 DEGREES | |
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| LOCATION | |

| 3.184 | DAILY TOTAL | RADIATION | 222228888 1136921122 8881348122 | 0.185 | DAILY TOTAL | RADIATION | 2155 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | 6.186 | DAILY TOTAL RADIATION | \$\$\$\$\$\$\$\$\$ \$\\\\\\\\\\\\\\\\\\\\\\\\\\\ |
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| | 0.188 | TOTAL | ATION | .19 | 'nM | 2 | - 0 | N | • | 0.187 | TOTAL | ATION | | - | 5 | - | 50.5 | > 4A |) Č | 0.187 | TOTAL | ATION | ###################################### |
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| TITUDE | | ATION | 14 | | 9.9 | N, | ų, r | . r.j. r. | | | ATION | 14 | . 1 | 9 | 9. | | 0.58 | ų, n | 14 | | ATION | 14 | 666600000 6666000000 6666000000 |
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| S S | TY: 0 | SOLAR | 12 | | | 9 | ی ف | | <u>.</u> | TY: 0 | SOLAR | <u></u> | 4 | | Ľ١ | • | 0.67 | ه م | | TY: 0 | SOLAR | 8 | 0.54 0.54 0.54 0.54 0.54 0.54 |
| Ę | CTIVI | OURLY | 11 | | 9.9 | 9 | ٠ د | | j. | ECTIVI | HOURLY | 11 | 1 4 | ف د | 9 | 9 | 0.65 | ی م | jĸi | ECTIVI | OURLY | 11 | |
| -DURHAM | REFLE | Ĭ | 10 | | 9.9 | 'n | י, י | ויייי | j. | REFL | Ĭ | 10 | 1 4 | ف د | 9. | | .53 | ÿĸ | 1 4 | REFLE | Ħ | 10 | 00000000000000000000000000000000000000 |
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| LOCATION | 10.3 | | ^ | 0.19 | | : ~: | | : -: - | 7 | 11.3 | | | ! 0 | . ~ | S, C | · - | 0.18 | -:- | | 11.6 | | 7 | 000000000 |
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| | HORIZ | SOUT | | 0.0 | • | | • | | • | HORIZ | SOUTH | S | < | . 0 | 9. | ۶. | | 9.6 | • | HORIZ | SOUT | 50 | |
| | • | rion: | | 00 | • | • • | • | | • | • | r ron: | | 1 | ٠. | • | ٠ | 00 | • | | • | r ron: | | 00000000 |
| | MONTH: | ORIENTATI | ; | -0.0 | 9.0 | .0 | ٠. د د | | • • | HONTH: | ORIENTAT | | _ | 90 | 0.0 |) e | 35.00 | 0 6 | | MONTH: | ORIENTAT | ; | 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 |

| | 9.188 | JEY TOTAL | DIATION | សស្រសសស្នង ស្នងស្រួល ទី១៩៩៩ស្នេស ទី១៩៩៩ | 9.138 | JLY TOTAL | DIATION | พพพพพพพ ๑ ๗ ๑ ๑ ๑ ๓ ๓ ๓ ๓ ๑ ๗ ๗ ๗ ๗ ๗ ๗ ๗ ๗ ๗ ๗ | 0.187 | LY TOTAL | DIATION | 各名名名名名名名 飞台设设设设设 今公主各级的运动了中 今公主各级的运动的 |
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| : ES | | | 19 | | | | - | | | | | |
| MINUTE | 195 | | 18 | | 961 | •. | 18 | | 506 | | 81 | |
| 25 \$ | | | 17 | 00000000 | • | | 11 | 0000000 000000 00000000000000000000000 | 6 | | 17 | |
| PEGREES | •• | | 16 | 00000000000000000000000000000000000000 | | | 16 | | <u>::</u> | | 16 | |
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| ane. | | IATION | * | | | ATION | 14 | | | ATION | 14 | |
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| NC. | 1Y: 8 | SPLAR | 12 | | TY: 0 | SOLAR | 12 | | 1Y: 0 | SOLAR | 12 | |
| F i | CLIVE | HOURLY | 11 | | FLECTIVI | HOURLY | | 80600000 440000000 4400000000 44000000000 | ECTIVI | OURLY | 11 | |
| -DURHAM | REFLECTI | H | 0.0 | | REFLE | 2 | | @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ | REFLE | # 6 | 10 | 1 000000000 1 0000000000 1 000000000000 |
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| | HORIZ. | SOUTH | 'n | | HOR12. | SOUT | 1 0 | 99999999 | HORIZ. | SOUTI | S | 00000000 |
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| | 0.185 | DAILY TOTAL | RADIATION | WWA44444 400W47044 6144664611 | 0.188 | DAILY TOTAL | RADIATION | ころまちちちちょみ ごりさらられま らりますめのでま | 0.185 | DAILY TOTAL | RADIATION | 2222220 332222 332223 33223 3423 3523 3523 3523 |
|---------|--------|-------------|---------------|--|------------|-------------|-----------|---|--------|-------------|------------|---|
| | KD: | | 20 | 00000000 | KD: | | 20 | 00000000 | KD: | | 20 | 00000000 |
| TES | | | 19 | | | | 19 | 00000000 | | | | 00000000 |
| MINUTE | 518 | | | | 200 | | 18 | 00000000 | 445 | | ~ ! | 00000000 |
| 5 52 | 0 | | 17 | | | | 17 | 00000000 | | | 17 | 00000000 |
| EGREE | ÷ | | 16 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | <u>.</u> . | | | | :- | | 16 | 00000000 |
| 35 B | × | z | 15 | | × | z | 15 | 0.22 0.31 0.32 0.33 0.35 0.35 0.35 | ¥ | == | 15 | 0000000 |
| TUDE | | IATIO | 14 | | | IATIO | 14 | 00000000 | | IATIO | | |
| LATI | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | _ |
| Š | ITY: | 501 1 | $\overline{}$ | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ITY: | SOLA | 12 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | ITY: | SOLA | ~ | 0.52 0.52 0.53 0.53 0.53 0.53 |
| AM | ECTIV | OURLY | 11 | 0000000 000000 00000000 | ECTIV | OURLY | 11 | | ECTIV | OURLY | 11 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 |
| -DURH | REFL | I | 10 | 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | REFL | I | 10 | | REFL | I | 10 | 0.38200000000000000000000000000000000000 |
| LEIGH | | | • | 000000000000000000000000000000000000 | | | 6 | 00000000 | | | δ. | 0.25 |
| RA | m | | •• | 000000000000000000000000000000000000000 | 2 | | •0 | 0.12 0.15 0.15 0.18 0.18 0.18 | 0 | | - | 000000000000000000000000000000000000000 |
| OCATION | 6.7 | | 7 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 5.1 | | | 000000000 | . 4.5 | | | 00000000 |
| 707 | . HO: | H | 9 | 00000000 | :. HO: | TH. | | | . Hö | эитн | | |
| | HORIZ | SOUTI | | 000000000 | HORIZ | SOUT | | 00000000 | HORIZ | 10.1 | | 00000000 |
| | 10 | TION: | | | 11 | TION: | | 00000000 | 12 | ATION: | | |
| | MONTH: | ORIENTA | ; | 71[7 10.00 25.00 35.00 60.00 | MONTH: | ORIENTA | i | 220.00 220.00 220.00 330.00 60.00 | MONTH: | ORIENTA | i | 200 200 300 300 300 500 600 600 600 600 600 |

| | 0.185 | DAILY TOTAL | RADIATION | 110000000 4800000000 480000000000 | 0.187 | DAILY TOTAL | RADIATION | 20000000000000000000000000000000000000 | 0.188 | DAILY TOTAL | RADIATION | MAAAAAAA | | | | | | | | | |
|--------|------------|-------------|-----------|--|----------|-------------|-----------|--|---------|-------------|-----------|--|---|---|---|----|--|------|---|----|--|
| | ΚĎ | | 2 | 00000000 | Ö | | 20 | 00000000 | KD: | | 20 | 00000000 | | | | | | | | | |
| TES | | | - | 00000000 | | | 19 | | | | | 00000000 | | | | | | | | | |
| MINUT | 447 | | - | | 476 | | 18 | 00000000 | 503 | | 18 | | | | | | | | | | |
| S 46 | 0 | | - | 00000000 | Ö | | 17 | | 0 | | 17 | | | | | | | | | | |
| EGREE | : L | | 16 | 00000000 100000000 100000000 | <u>:</u> | | 16 | · · · · · · · · · · · · · · · · · · · | :: - | | 16 | 00 00 00 00 00 00 00 00 00 00 00 00 00 | | | | | | | | | |
| 46 D | ¥ | 7 | | 00000000 | ¥ | z | 15 | 0.22 0.33 0.34 0.34 0.36 | ¥ | z . | 15 | 00000000 00000000 000000000000000000 | | | | | | | | | |
| ITUDE | | IATION | 4 | 00000000 | | IATIO | 14 | 00000000000000000000000000000000000000 | | IATIO | 14 | 00000000 44000000000 884044040 | | | | | | | | | |
| LATI | 0.20 | R RAD | 2 | C0000000 NWWW4444 NVCONWNVQ | 0.20 | R RAD | 13 | | 0.20 | R RADI | 13 | | | | | | | | | | |
| Q | ITY: | SOLAI | ~ ~ | 00000000 0000000 000000 000000 | ITY: (| SOLAF | 12 | | ITY: (| SOLAF | 12 | | | | | | | | | | |
| | ECTIV | OURLY | 11 | | ECTIV | OURLY | 11 | 00000000 0000000 000000000000000000000 | ECT IV. | OURLY | 11 | A WIN TO TO TO TO TO TO TO TO TO TO TO TO TO | | | | | | | | | |
| ¥ | REFL | I | 10 | 1 000000000000000000000000000000000000 | REFLE | Ŧ | Ŧ | Ĩ | r | r | r | r | r | Ĩ | Ĩ | 10 | | REFL | Ŧ | 10 | 00000000 447777777777777777777777777777 |
| SMARCK | | | Φ. | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | 6 | | | | Φ. | 00000000 0000000 000444444444444444444 | | | | | | | | | |
| BI | 6 | | •0 | 1 0000000 1 0000000 1 00000000 | J | | •• | 0.11 0.14 0.15 0.17 0.19 0.20 | 2 | | | 00000000000000000000000000000000000000 | | | | | | | | | |
| A-ION | 3.2 | | | | 5.1 | | | 00.000000000000000000000000000000000000 | 7.3 | | 7 | 000000000000000000000000000000000000000 | | | | | | | | | |
| LOCA | . HO . | TH. | | | . HO: | H | 9 | 00000000 | . HO: | Ŧ | | | | | | | | | | | |
| | HORIZ | SOUTH | i | | HORIZ | SOUT | 'n | | HORIZ | SOUT | | | | | | | | | | | |
| | 7 | TION: | | 00000000 | 2 | :NOI | 4 | 000000000 | m | :NOI | | | | | | | | | | | |
| | MCNTH: | ORIENTAL | ; | 11. 10.00 20.00 30.00 35.00 56.00 | MONTH: | ORIENTAT | - | 650 650 650 650 650 650 650 650 650 650 | MONTH: | ORIENTAT | ; | 250.00 250.00 250.00 250.00 250.00 | | | | | | | | | |

| | 0.187 | DAILY TOTAL | RADIATION | 44444444 466666666 604400000000000 | 0.185 | DAILY TOTAL | RADIATION | មក្រកួតក្រកួត សូទុទ្ធក្រកួត មាមមានក្រកួតក្ | 0.180 | DAILY TOTAL | RADIATICH | ቅቅቅ ቅቅቅ ቅቅ ነው ተ ማስተ ከተማ ነው ቅቅር ወች ቅዛሬ |
|--------|--------|-------------|-----------|---|--------|-------------|-------------|--|----------|-------------|-----------|--|
| | XD: | | 20 | | KD: | | | 6666666 | X ED: | | 20 | 00000000 |
| ES | | | ~ 1 | | | | 19 | 00000000 | | | 19 | |
| MINUT | 179 | | | 00000000 00000000 0000000000 | 523 | | 60 T | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 554 | | 18 | 000000000000000000000000000000000000000 |
| 9 6 6 | 9. o | | 17 | 00000000 11110000000000000000000000000 | 0.5 | | 17 | | 0.5 | | 17 | 000000000000000000000000000000000000000 |
| GREES | •• | | | 00.000 | • | | 16 | จังกุทุทุกทุก | • | | 16 | 2000000 44444 4464446 6666 6666 6666 666 |
| 46 DE | X | _ | | 00000000 44444444 4400000400 | 2 | _ | 15 | 00000000 0000000 0000000000 0000000000 | * | _ | _ | 00000000 00000000 000000000 000000000 0000 |
| TUDE | | IATION | 14 | | | IATION | 14 | | | IATION | 14 | 00000000000000000000000000000000000000 |
| LATI | 0.20 | R RAD) | 13 | | 0.20 | R RAD | 13 | | 0.20 | R RADI | 13 | 00 00 00 00 00 00 00 00 00 00 00 00 00 |
| Ş | ITY: (| SOLA | 12 | | ITY: (| SOLAI | 12 | | ITY: (| SOLA | 12 | 0.75 |
| | ECTIV | OURLY | | | ECTIV | OURLY | - | 00000000 00000000 000000000 0000000000 | ECTIV | OURLY | 11 | 000778 |
| × | REFL | x | - | 1 00000000 1 00000000 1 000000000000000 | REFL | x | 10 | 00000000 | 2EFL | x | 10 | 000000000000000000000000000000000000000 |
| SMARCK | | | ው | 00000000 | | | • | 1 00 00 00 00 00 00 00 00 00 00 00 00 00 | | | Φ | 00000000 00000000000000000000000000000 |
| BI | ت | | •• | 000000000000000000000000000000000000000 | J | | •0 | 1 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 2 | | | 1 000000000000000000000000000000000000 |
| ATION | 9.6 | | | 00000000 1111111111111111111111111 | 11.1 | | p. | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 11.7 | | 2 | 000000000000000000000000000000000000000 |
| LOCA | . HO: | TH | 9 | 1 000000000 | H .: | TH | • | COCCOCC | 6 | 13 | • | 0.00 |
| | HGRIZ | SOUT | | 888888888 | HORIZ | SOUT | 5 | 100000000 | HORIZ | SOUT | R. | 000000000 |
| | 4 | TION: | | 889888888 | 'n | TION: | | 600000000 | • | TION: | | |
| | MONTH: | ORIENTA | ; | 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | MONTH: | ORIENTA | ; | 71 | MONTH: | ORIENTA | i | 110.00 10.00 20.00 30.00 35.00 40.00 50.00 |

| | Ø.169 | DAILY TOTAL | RADIATION | 80000000000000000000000000000000000000 | 0.169 | DAILY TOTAL | RADIATION | waaaaaaa wuawaaau urruuaaau | 0.176 | DAILY TOTAL | RADIATION | 44000000000 9-40004040 6004 |
|---------|----------|-------------|-----------|--|----------|-------------|-----------|--|----------|-------------|-----------|---|
| | ΚĐ: | | | 000000000 | χĎ | | | 00000000 | ξĎ | | 0 | 00000000 |
| ES | | | 19 | | | | 19 | | | | | 00000000 |
| MINUT | 18 | | 18 | 00000000000000000000000000000000000000 | 121 | | | 00000000000000000000000000000000000000 | 85 | | 18 | |
| 9 4 9 | 9.0 | | 17 | 000000000000000000000000000000000000000 | 9.0 | | | 00.223 00.222 00.222 00.221 00.221 00.223 00.223 | 9.5 | | 17 | 00000000 |
| EGREES | <u>:</u> | | 16 | 00000000 777444 777444 7776 7776 7776 77 | <u>:</u> | | | 00000000000000000000000000000000000000 | <u>:</u> | | - | 00000000000000000000000000000000000000 |
| 46 DE | 7 | - | | | × | z | 15 | | Ž. | 3 7. | 15 | 000000 00000 044400000 000000 |
| rude | | IATIO | | 00000000 77777 77887 88888 8888 | | IATIO | 14 | 00000 00000 00000 00000 00000 00000 0000 | | IATIO; | 14 | 000000000000000000000000000000000000000 |
| LATI | 0.20 | R RAD | 23 | | 0.20 | RAD | 13 | 00000000 00000000 00000000000000000000 | 0.20 | R RAD | 13 | 00.72 |
| Q | ITY: | SOLAI | ~ | GGGGGGGGG CGGGGGGGGGGG GGGGGGGGGGG | ITY: | SOLA | ~ | 00000000 00000000000000000000000000000 | [TY: | SOLA | 12 | 0.00 |
| | ECTIV | OURLY | 11 | 00000000 000000000 00000000000000 | ECTIV | OURLY | 11 | 00000000000000000000000000000000000000 | ECTIV | SURLY | 11 | 00.72000.72000.72000.72000.72000.720000.7200.7200.7200.7200.7200.7200.7200.7200.7200.7200.7200.7200.72 |
| ¥ | REFL | I | | 00.00 00.75 00.00 00.75 00.00 00.00 | REFL | = | 10 | 00 00 00 00 00 00 00 00 00 00 00 00 00 | REFL | Ĭ | 10 | 000000000000000000000000000000000000 |
| SMARCK | | | 6 | : 00000000 000000000 0000000000 00000000 | | | 6 | | | | 6 | 1 4 4 4 4 2 2 2 2 2 3 2 4 4 4 2 2 2 2 2 3 2 3 |
| BIS | _ | | •0 | 000000000 4444444 7779444 | м | | •0 | 0000000 8444444 8444444 | _ | | - | 00000000000000000000000000000000000000 |
| OCATION | 11.14 | | 7 | 000000000000000000000000000000000000000 | 3.5 | | 7 | 000000000 | 7.29 | | 7 | 00.11.0 |
| 1007 | . HO: | Ħ | 9 | 0.000000000000000000000000000000000000 | . но: | Ξ | 9 | 00000000 0000000 00000000 00000000 | . H0: | Ξ | \$ | 000000000 |
| | HORIZ | SOUT | | | HORIZ | SOUT | Ŋ | | HORIZ | SOUT | | |
| | 7 | TION: | | 00000000 | •0 | TION: | | | • | TION: | J | 00000000 |
| | MONTH: | ORIENTA | i | 7111 0.00 325.00 35.00 56.00 60.00 | MCNTH: | ORIENTA | į | 220.00 320.00 425.00 60.00 60.00 | MONTH: | ORIENTA | i | 7117 0.0 20.00 30.00 35.00 40.00 50.00 |

| | 0.178 | DAILY TOTAL | RADIATION | UNW444444 8480114567 9180274597 | 0.188 | DAILY TOTAL | RADIATION | | 0.185 | DAILY TOTAL | RADIATION | 11110000000 11000000 1000000 10000 |
|----------|--------|-------------|-----------|---|--------|-------------|-----------|---|--------|-------------|-----------|--|
| | KD: | | | 00000000 | KD: | | | | KD: | | 20 | 00000000 |
| TES | | | - | 00000000 | | | | | | | 19 | 000000000 |
| MINUTES | 568 | | 18 | 000000000 | 491 | | 18 | 000000000 | 655 | | 13 | |
| \$ 46 | 0 | | 17 | | | | | | ė | | 17 | 00000000 |
| DEGREE | : | | 16 | 000000000000000000000000000000000000000 | 1: | | ~ | 00000000 | Ë | | 16 | 66666666 |
| 46 D | × | z | 15 | COCCOCCO CWWWAAAAA | ¥ | z | 15 | 00000000000000000000000000000000000000 | ¥ | 2 : | 15 | 000000000000000000000000000000000000000 |
| ITUBE | | IATIO | 14 | | | IATIO | 14 | 000000000 | | IATIO | 4 | 00000000000000000000000000000000000000 |
| LATI | 0.20 | RAD | 13 | | 0.20 | R RAD | 13 | 300000000 3004440000 | 0.20 | R PAD | 13 | 20000000 0000000 000000000000000000000 |
| Q | IIY: | SOLA | 12 | | ITY: | SOLA | 12 | 00000000000000000000000000000000000000 | 177: | SOLA | 12 | 00000000000000000000000000000000000000 |
| | ECTIV | OURLY | 11 | | ECTIV | OURLY | 11 | 00000000000000000000000000000000000000 | ECTIVI | OURLY | ~ | 00000000000000000000000000000000000000 |
| ~ | REFL | I | 10 | | REFL | I | 10 | 00000000000000000000000000000000000000 | REFL | I | ~ | 00 00 00 00 00 00 00 00 00 00 00 00 00 |
| SMARCK | | | | 00000000000000000000000000000000000000 | | | Φ | 00.00 00 | | | 0 | 00.15 |
| BI | • | | • | 1 | 9 | | 60 | 0000000 0000000 00000000 00000000 | 8 | | ** | |
| LOCATION | 5.0 | | 7 | | 3.2 | | | 00000000 | 5.6 | | | |
| 707 | . HO: | TH. | • | | . HO: | Ŧ | • | 000000000 | . HO: | 1H | • | |
| | HORIZ | SOUTH | ĸ | 000000000 | HORIZ | SOUTH | 2 | 000000000 | HORIZ | 5001 | 70 | |
| | 10 | TION: | 4 | 00000000 | 11 | TIGN: | | | 12 | TION: | • | |
| | MONTH: | ORIENTA | | 1114 0.0 0.0 322.00 33.00 40.00 60.00 | MONTH: | ORIENTA | ; | 11.1 10.0 10.0 220.0 335.0 135.0 10.0 10.0 10.0 10.0 10.0 | MONTH: | ORIENTA | | 1111 2000 2000 3000 4000 5000 6000 |

| | 0.183 | DAILY TOTAL | RADIATION | 22.25 22.25 22.25 23.35 34 35 35 35 35 35 35 35 35 35 35 35 35 35 | 9.185 | DAILY TOTAL | RADIATION | 3444444222 3444444444444444444444444444 | 0.187 | DAILY TOTAL | RADIATION | 88444444 480119881 600088188 |
|----------|--------|-------------|-----------|--|--------|-------------|-----------|--|--------|-------------|-----------|--|
| | KD: | | 20 | 00000000 | KĎ: | | 20 | 00000000 | KD: | | 20 | 00000000 |
| ES | | | 19 | 00000000 | | | 19 | 00000000 | | | 19 | 03000000 |
| MINUF | 00 | | _ | 000000000 | 35 | | 18 | 00000000 | 74 | | | |
| 54 | 4.0 | | 17 | accacccc | 4.0 | | 17 | | 4. | | 17 | 60000000 |
| EGREES | •• | | 16 | | •• | | 16 | HAHAHAHA | •• | | 16 | 200000000000000000000000000000000000000 |
| 46 DE | Ä | | 15 | 1 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | KT | | 15 | 333333333 3333333333333333333333333333 | K. | | | 00000000000000000000000000000000000000 |
| UDE | | ATION | 14 | | | ATION | 14 | 0mm44444 0mm00mmn | | ATION | 14 | 4444514144 458604446 |
| ATIT | .20 | RADI | 13 | 0000000044 0004407440 | 20 | RADI | 13 | WW444444 W&WW@V&&& | .20 | RADI | 13 | Ა ᲡᲡᲡᲡᲡᲡᲡᲡᲡᲡ Აപ!!? ᲐᲑᲓ Ე ᲛᲐ |
| ΩN | TY: 0 | SOLAR | 12 | 464680HM4 | TY: 0 | SOLAR | 12 | 00000 844400 86000 86000 10000 | 1Y: 0 | SOLAR | 12 | 1 4 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| - | ECTIVI | OURLY | 11 | WWWWWW44 WWW446 WHW | CTIVI | HOURLY : | 11 | WW444444 WWWW0VWWW | CTIVI | URLY : | 11 | 45500000000000 4550000000000000 |
| | REFLE | HOH | | 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | REFLE(| Ē | | WWWWA444 WWWWOHOWW | REFLE | HO | 10 | 000000000000000000000000000000000000 |
| RGD | _ | | 6 | 221098641 | _ | | ۰ | 00000000000000000000000000000000000000 | _ | | | 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| FAR | | | •0 | 1 00000000 1 00000000 1 00000000 | | | •0 | 0000000 | | | | 00000000000000000000000000000000000000 |
| LOCATION | 3.27 | | | 00000000 | 5.12 | | | | 7.30 | | 7 | 60000000 |
| LOCA | HO | Ŧ | | | H0: | I | | 000000000 | H0: | r | 9 | |
| | HORIZ. | SOUT | | 1 00000000 | HORIZ. | SOUTI | ĸ | 00000000 | HORIZ. | SOUT | 2 | |
| | _ | ION: | | | ~ | ION: | • | 00000000 | m | : NOI | | |
| | MONTH: | ORIENTAT | i | 1167 10.00 20.00 30.00 40.00 60.00 | MONTH: | ORIENTAT | i | 110 100 100 250 350 450 600 600 600 600 600 600 | MONTH: | ORIENTAT | | 11.1 10.0 10.0 20.00 30.00 40.00 |

| | 0.187 | DAILY TOTAL | RADIATION | 448884444 6800066674 8888618111 | 0.185 | DAILY TOTAL | RADIATION | NUNUNUNU4 V. V. | 0.183 | DAILY TOTAL | RADIATION | 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 |
|----------|----------|-------------|-----------|--|--------|-------------|-----------|---|--------|-------------|-----------|--|
| | KĐ: | | 20 | 00000000 | χ Э | | | 00000000 | ΚĎ | | | 00000000 |
| ES | | | 19 | 00000000 | | | 19 | 00000000 | | | 19 | |
| MINUT | eć ru | | 8 | 00000000000000000000000000000000000000 | 119 | | ₩. | 0.13 0.11 0.11 0.03 0.03 0.05 | 3.26 | | 7 | 000000000000000000000000000000000000000 |
| 54 | 9.0 | | 17 | HAAAAAAA | 0.5 | | 17 | | 0.5 | | 17 | |
| GREES | •• | | 16 | 00000000000000000000000000000000000000 | | | ~ | 0.38 0.33 0.33 0.33 0.33 0.33 0.33 | •• | | 16 | 00000000 444400000 004400000 |
| 46 DE | X | _ | 15 | | ¥ | _ | 15 | | × | - | 15 | 00000000 00000000 0000000000 000000000 |
| UDE | | ATION | ~ | | | ATION | 14 | 00.50 00.60 00.60 00.60 00.60 00.60 | | IATION | 16 | |
| LATIT | 1.20 | RADI | 13 | | 0.20 | R RADI | 13 | | 0.20 | R RAD] | 13 | |
| ND | TY: 0 | SOLAR | 12 | 00000000 0000000 0000000 00000000 000000 | ITY: (| SOLAF | 12 | 0.66 0.71 0.71 0.70 0.69 0.66 | ITY: (| SOLA | 8 | 0.73 0.73 0.73 0.73 0.62 |
| | ECTIVI | OURLY | 11 | 000000000000000000000000000000000000000 | ECTIV] | HOURLY | 11 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | ECTIV | OURLY | 11 | 0.72 |
| | REFLE | ĭ | 0 | | REFLI | Ĭ | 10 | 00000000 00000000 00000000000000000000 | REFL | Ī | 10 | 000000000 000000000 0000000000 00000000 |
| RGD | | | • | 000000000 444444444 0400000000 | | | 6 | 00000000 00000000 0000000444 | | | 6 | |
| FAI | σ. | | •0 | 7000000000 | m | | •0 | 00000000000000000000000000000000000000 | 2 | | 60 | 00000000000000000000000000000000000000 |
| LOCATION | 9.5 | | 7 | 0000000 | 11.1 | | | 00000000000000000000000000000000000000 | 11.7 | | 7 | 0.20 |
| 7007 | . HO: | H | | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | . HO: | Ŧ | 9 | 00000000000000000000000000000000000000 | . НО: | T.H. | | 0.115 |
| | HORIZ | SOUT | ĸ | | HORIZ | SOUT | 'n | | HORIZ | Sou | 'n | 100000000000000000000000000000000000000 |
| | J | : NOI | 4 | 60000000 | 75 | TION: | 4 | 00000000 | ψ | TION: | J | 000000000 |
| | MONTH: | ORIENTAT | | 7117 10.00 225.00 35.00 50.00 60.00 | MONTH: | ORIENTAL | | 71L1 10.00 220.00 330.00 590.00 590.00 | MONTH: | ORIENTA | | TILT 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0. |

| | 6.174 | DAILY TOTAL | RADIATION | \$ | 0.173 | DAILY TOTAL | RADIATION | 6666666 666666666666666666666666666666 | 0.179 | DAILY TOTAL | RADIATION | 4440000000 11000000000 1000000000000000 |
|----------|---------|-------------|-----------|--|--------|-------------|-----------|---|--------|-------------|-----------|---|
| | χĎ | | 20 | 00000000 | ΚĎ | | | 00000000 | ΚĎ | | 20 | 00000000 |
| ES | | | 19 | | | | 19 | 00000000 | | | _ | 00000000 |
| MINUTES | 00 | | 18 | | 90 | | 18 | 0000000 | 65 | | 18 | |
| 54 | 9.0 | | 17 | 00000000 | 9.0 | | 17 | 00000000000000000000000000000000000000 | 0.5 | | 17 | 00.000000000000000000000000000000000000 |
| DEGREES | | | 16 | | •• | | 16 | 000000 W.44.0000 W.44.0000 W.44.0000 W.44.0000 | •• | | 16 | |
| 46 DE | K | | 15 | 00000000 0000000 000000000 000000000 | K | | 15 | _,_,_,_, | × | | | 00000000000000000000000000000000000000 |
| UDE | | ATION | 14 | | | ATION | 14 | 0.63 0.71 0.71 0.71 0.71 0.63 | | ATION | 14 | 00000000000000000000000000000000000000 |
| LATITUDE | .20 | RADI | 13 | 00.75 00.81 00.881 00.79 00.79 | .20 | RADIATI | 13 | 0.75 | .20 | RADI | 13 | 0.55 0.62 0.70 0.72 0.72 |
| Q. | VITY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | 00.000 | TY: 0 | SOLAR | 12 | 00.72 |
| | ECTIVI | HOURLY | 11 | | CTIVI | HOURLY | | 0.75 0.75 0.80 0.80 0.80 0.78 0.78 | ECTIVI | HOURLY | 11 | |
| | REFLE | Ħ | | 0.69 0.73 0.73 0.73 0.72 0.67 | REFLE | £ | 10 | 0.63 0.71 0.71 0.71 0.71 0.69 | REFLE | £ | 10 | 00.00 00 |
| RGO | | | _ | 00000000 00000000 0000000000 8000000000 | | | • | 20.00 | | | 0 | 000000 800000 800000 800000 |
| FAR | | | •0 | | • | | •0 | 80000000000000000000000000000000000000 | | | €0 | 0.30 |
| LOCATION | 11.13 | | 7 | 00.000000000000000000000000000000000000 | 9.52 | | 7 | 0.22 | 7.28 | | 7 | |
| 7007 | . HO: | Ξ | 9 | 80.00 0.00 0.00 0.00 0.00 0.00 | . HO: | Ξ | | 0.00 | HÖ: | Ξ | • | |
| | HORIZ. | SOUTH | Ν | 000000000 | HORIZ. | SOUTH | Ŋ | 00000000 | HORIZ. | SOUTH | 2 | 000000000 |
| | _ | :NOI | | | ** | :NOI | | 00000000 | • | : NOI | | 00000000 |
| | MONTH: | ORIENTAT | ; | 11 1 1 1 1 1 1 1 1 1 | MONTH: | ORIENTATI | į | 10.00 20.00 30.00 35.00 40.00 60.00 | MONTH: | ORIENTAT | | 7111 10.00 220.00 30.00 55.00 50.00 |

| | 0.181 | DAILY TOTAL | RADIATION | 2 8 8 1 1 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | 0.185 | DAILY TOTAL | RADIATION | 1112222222 481124268 4812426846 | 0.183 | DAILY TOTAL | RADIATION | 11.06 11.38 11.67 22.12 22.12 23.36 |
|----------|------------|-------------|-----------|--|---------|-------------|------------|---|----------|-------------|-----------|---|
| | KD: | | 20 | 00000000 | X :0 | | | 00000000 | XD: | | 20 | 00000000 |
| TES | | | 19 | 00000000 | | | | | | | 19 | 000000000 |
| MINUTE | 549 | | | 000000000 | 955 | | _ | 000000000 | 605 | | 18 | 00000000 |
| 5 54 | 9 | | 17 | | | | - | | 9 | | 17 | 00000000 |
| EGREE | : 1 | | 16 | | Ë | | _ ; | 00.00000 00.00000 00.00000 00.00000 | <u>:</u> | | 16 | |
| 46 DE | ¥ | _ | 15 | | ⊽ | _ | 15 | 00.22 00.22 00.22 00.22 00.22 00.22 00.22 | ¥ | _ | 15 | 0.07 0.13 0.15 0.15 0.17 0.20 |
| TUDE | | ATION | 1 4 | 0000000 0000000 0000000000000000000000 | | ATION | _ | 00.22 00.32 00.32 00.33 00.34 00.35 | | ATION | 14 | 00.25 |
| LATIT | .20 | RADI | 13 | 1 000000000000000000000000000000000000 | .20 | RADI | 13 | 000000 000000 000000000000000000000000 | .20 | RADI | 13 | 00000000000000000000000000000000000000 |
| ND ON | 1Y: 0 | SOLAR | ~ | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | TY: 0 | SOLAR | 12 | 00.00 00.00 00.00 00.00 00.00 150 00.00 | TY: 0 | SOLAR | 12 | 00.327 |
| | CTIVI | OURLY | 11 | 00000000000000000000000000000000000000 | CTIVI | OURLY | 11 | | CTIVI | HOURLY | 1.1 | 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.00 |
| | REFLE | Ħ | 10 | | REFLE | £ | 10 | 4 MMMMMMM | REFLE | H | 10 | |
| RGO | | | • | 00000000 00000000000000000000000000000 | | | 0 | 0.11 0.11 0.15 0.20 0.22 0.22 0.25 | | | Φ. | 0.07 0.13 0.14 0.15 0.15 0.17 |
| FAF | 2 | | •• | 2222000000 | • | | 8 0 | 00000000000000000000000000000000000000 | 0 | | | |
| OCATION | 5.0 | | 1 | 000076000 | 3.2 | | | | 2.6 | | | 00000000 |
| 707 | . HO: | Ŧ | | 00000000 | . HO: | H | • | 00000000 | . HO: | Ŧ | • | 00000000 |
| | HORIZ | SOUT | | | HORIZ | SOUTH | | | HORIZ | Sout | | |
| | 10 | TION: | | | 11 | 1 I ON: | | 00000000 | 12 | TION: | | |
| | MONTH: | ORIENTA | - | 71[- 0.0 10.0 20.0 35.0 40.0 60.0 60.0 60.0 | MONTH: | ORIENTA | - | 60000000000000000000000000000000000000 | MONTH: | ORIENTA | ; | 200 200 300 300 500 600 600 600 600 600 600 600 600 6 |

| | 83 | TOTAL | NO | | 184 | OTAL | NO | | 186 | TOTAL | NOI | |
|---------|------------|----------|----------|---|--------|----------|---------------|--|--------|----------|-------|--|
| | 0.1 | LY 70 | ADIATION | 22.25 | 6.1 | LY TO | DIATIO | 22.02 22.02 23.02 23.02 23.02 24.02 | 0.1 | LY 10 | DIATI | NUMM4444 0.0000000000000000000000000000000 |
| | | DAI | Z | | | DAI | Z | | | DAI | R | |
| | χÖ | | 20 | | Ë | | 20 | 90000000 | KD: | | 20 | |
| res | | | 19 | | | | 19 | | | | 19 | 00000000 |
| MINUT | 399 | | 18 | 00000000 | 123 | | 18 | | 163 | | 13 | |
| 16 | - | | 17 | 00000000 | | | 17 | 0.0010000000000000000000000000000000000 | | | 17 | 000000000000000000000000000000000000000 |
| DEGREES | : · | | 16 | | ·· | | 16 | | ·• | | 16 | |
| 48 DE | K | _ | 15 | | 2 | _ | | 00.25 | X | _ | 15 | 10000000000000000000000000000000000000 |
| ITUDE | | ATION | 14 | | | ATION | 14 | | | ATION | 14 | |
| LATII | 0.20 | RADI | _ | 00000000 00000000000000000000000000000 | 1.20 | RADI | 3 | 00.445 00.445 00.445 00.445 00.445 00.445 | 1.20 | RADI | 13 | 44000000000000000000000000000000000000 |
| Q | 77: | SOLAR | 12 | | TY: 0 | SOLAR | 12 | 0 449 0 449 0 449 0 449 0 449 | TY: 0 | SOLAR | 12 | 20000000000000000000000000000000000000 |
| | ECTIVI | OURLY | 11 | | ECTIVI | HOURLY | \rightarrow | 00.445 00.465 00.465 00.465 00.465 00.465 | ECTIVI | OURLY | ~ | 99000000000000000000000000000000000000 |
| | REFLI | ž | | 00000000000000000000000000000000000000 | REFLI | Ĭ | - | 00000000000000000000000000000000000000 | REFL | Ĭ | 10 | 000000000 00000000 0000000000000000000 |
| MINOT | | | • | 00000000000000000000000000000000000000 | | | • | 00000000 10000000000000000000000000000 | | | | 000000000 1000000000000000000000000000 |
| MI | m | | •0 | 00000000 | • | | •0 | 00000000 00000000000000000000000000000 | - | | ** | 000000000000000000000000000000000000000 |
| OCATION | 3.0 | | 7 | 60000000 | •0 | | 7 | | 7.1 | | 7 | |
| 100 | . HO: | Ŧ | 9 | 00000000 | FQ | # | • | | . HO: | Ŧ | • | |
| | HORIZ | SOUTH | 'n | 00000000 | HORIZ | SOUTI | | 00000000 | HORIZ | SOUTH | Ŋ | |
| | _ | TION: | | 00000000 | ~ | TION: | | 00000000 | m | TION: | | 00000000 |
| | MONTH: | ORIENTAI | ; | 71LT 0.0 22C.00 35.00 50.00 | MONTH: | ORIENTAT | ; | 220.00 220.00 330.00 40.00 60.00 | MONTH: | ORIENTAT | i | 4171 0.00 220.00 320.00 320.00 550.00 |

| | 0.187 | DAILY TOTAL | RADIATION | | 0.184 | DAILY TOTAL | RADIATION | NIUNUNUNUN | 0.184 | DAILY TOTAL | RADIATION | 66666666 66666666 6666666666666666666 |
|---------|----------|-------------|---|--|----------|-------------|-----------|---|----------|-------------|-----------|--|
| | ΚĎ | | 20 | 00000000 | KD: | | | | KD: | | N | 00000000 |
| S3. | | | 19 | 00000000 | | | 19 | | | | 19 | |
| MINUTE | 98 | | 18 | 00000000 | 525 | | - | 44 | 332 | | 18 | 00.113 |
| s 16 | 4.0 | | 17 | | 0.5 | | 17 | 00.00 00 | 0.5 | | 17 | 00.22 |
| DEGREES | :- | | 16 | 00000000 000000000 0000000000 | <u>:</u> | | 16 | 000 200000 444 2000000000000000000000000 | <u>:</u> | | 16 | |
| 48 DI | ¥ | 7 | 15 | | Ξ | z | 15 | 00000000 0000000 0000000 0000000 000000 | <u>~</u> | * | 15 | |
| ITUDE | | IATIO | 14 | เทพพพพพพพพพ | | IATIO | 14 | naaaaann | | IATION | 14 | |
| LATI | 0.20 | R RADI | 13 | | 0.20 | R RAD | | 00000000000000000000000000000000000000 | 0.20 | R RAD | 13 | |
| QN | ITY: | SOLA | 12 | | ITY: | SOLA | | 0.72 0.72 0.72 0.72 0.72 0.63 | ITY: | SOLA | 12 | |
| | ECTIV | HOURLY | ======================================= | 60000000 | ECTIV | OURLY | 1 1 | 000000000000000000000000000000000000000 | ECTIV | HOURLY | 11 | 00000000 |
| | REFL | I | 10 | 60000000 | REFL | x | 10 | 00000000 | REFL | I | 10 | 00000000 |
| MINOT | | | • | 00000000 | | | • | 00000000000000000000000000000000000000 | | | | DDDDDDDDD WWWWWWWAA WWWAWWWWAA |
| _ | <u>ب</u> | | •• | 0000000 | 6 | | | | - | | | 000000000000000000000000000000000000 |
| OCATION | 9.6 | | 7 | 000000000 | 11.0 | | | 000000000000000000000000000000000000000 | 11.7 | | 1 | 00000000 |
| 100 | . HO: | JTH | 9 | 00000000 0000000 | . HÖ: | SOUTH | | 22 0 . 10 11 2 2 0 . 11 2 2 0 . 11 2 2 0 . 10 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | . HO: | юптн | 47 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| | HORIZ | SOUTI | | | HORIZ | SOL | 10 | | HORIZ | 200 | S | |
| | • | TION: | | 00000000 | 'n | TION: | • | | 9 | ATION: | • | 000000000 |
| | MONTH: | ORIENTATI | ; | 22000000000000000000000000000000000000 | MONTH: | ORIENTA | | 600.000 600.000 600.000 600.000 | MONTH: | ORIENTA | | 20000000000000000000000000000000000000 |

| | 0.175 | DAILY TOTAL | RADIATION | 66666666666666666666666666666666666666 | 0.173 | DAILY TOTAL | RADIATION | ************************************** | 0.179 | DAILY TOTAL | RADIATION | 444000000 600 600 600 600 600 600 |
|-------------|--------|-------------|-----------|--|--------|-------------|-----------|---|----------|-------------|-----------|--|
| | χΩ: | | 20 | 00000000 | KD: | | 20 | | χ Ω | | 20 | |
| ES | | | 19 | | | | 19 | 00000000 | | | | 00000000 |
| MINUT | 96 | | 18 | 000000000000000000000000000000000000 | 03 | | 18 | | 67 | | 18 | |
| 16 1 | 0.5 | | 17 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 9.0 | | 17 | 1 0000000 | . | | 17 | 112211100 |
| GREES | | | | 444444MM 15554444MM 155544 | •• | | 16 | | •• | | 16 | 01100000000000000000000000000000000000 |
| 48 DE | T | _ | 15 | | X | _ | 15 | <u> </u> | × | | 15 | |
| UDE | | IATION | 14 | | | IATION | 7.4 | 0.00 00.70 00.70 00.71 00.71 00.69 | | IATION | \$ 7 | 00000000000000000000000000000000000000 |
| LATIT | .20 | RAD | 13 | | .20 | RAD | | | . 20 | KAD] | 13 | |
| Q | TY: 0 | SOLAR | | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | TY: 0 | SOLAR | | 00000000 7.7.00000000 2.7.000000000 2.7.000000000 | 17: 0 | SOLAR | 12 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 |
| | ECTIVI | HOURLY | 11 | | ECTIVI | OURLY | 1.1 | 4// 4// | ECTIVI | OURLY | 1 | 0.72 0.72 0.72 0.72 |
| | REFLE | Ĭ | | 0.00 0.72 0.72 0.72 0.62 0.62 | REFLE | Ĭ | 0 | 1 0 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 | REFLE | ¥ | 10 | 00000000000000000000000000000000000000 |
| KOT | | | • | 000000000 000000000 000000000000000000 | | | | 60000000 00000000000000000000000000000 | | | Φ. | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| Z Z Z | | | •0 | 000000000000000000000000000000000000 | | | •0 | MM | | | •• | 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 |
| ATION | 11.10 | | 7 | 00000000000000000000000000000000000000 | 9.41 | | 1 | 000000000 | 7.10 | | 7 | 00000000 |
| LOCA | H0: | . | 9 | 00.000 | : ОН | Ŧ | • | 00000000 | 9 | I | 9 | |
| | HORIZ. | Sour | | nnananan | HORIZ. | SOUT | w | 1000000000 | HORIZ. | SOUT | | |
| | _ | :NOI | | | • | :NOI | • | 0000000 | • | : NO I | | |
| | MONTH: | ORIENTAT | ; | 25.00 25.00 30.00 30.00 50.00 | MONTH: | ORIENTAT | ; | 00000500 | MONTH: | ORIENTAT | ; | 225.00 225.00 225.00 255.00 255.00 |

| | 0.180 | DAILY TOTAL | RADIATION | 00000000000000000000000000000000000000 | 0.186 | DAILY TOTAL | RADIATION | 11111111111111111111111111111111111111 | 0.184 | DAILY TOTAL | RADIATION | 2202144425 \$05075 \$05075 \$05075 |
|---------|--------|-------------|-----------|---|--------|-------------|-----------|---|----------|-------------|------------|---|
| | KD: | | 2 | 00000000 | KD: | | 20 | 808000000 | KB. | | | 00000000 |
| TES | | | | 00000000 | | | 19 | 00000000 | | | | 60606066 |
| MINUT | 559 | | - | 00000000 | 999 | | 18 | | .413 | | - | 00000000 |
| 31 36 | ė | | 17 | 00000000 | Ö | | 17 | | Ġ | | 17 | 66666666 |
| DEGREE | : | | 16 | 00000000 | Ξ. | | | 00000000 | :- | | 16 | 00000000 |
| 48.0 | ¥ | z | - | 00000000 | × | × | | 00000000 | * | × | 15 | |
| ITUDE | | DIATIO | 14 | 100000000 | | DIATIO | _ | + 1 | | DIATIC | 14 | |
| LAT | 0.20 | AR RAI | 13 | 1 4 2 6 2 2 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 | 0.20 | AR BAI | 13 | . MM 4 4 4 4 4 M 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | 0.20 | AR RA | 7.3 | เคียงเทคพพรร |
| AD | VIIY: | Y 50L | | 1455000000 | VITY: | ις. | | | VITY: | Y 50L | 12 | 848040880 84808888 |
| | ECTI | HOURL | 11 | | LECTIV | HOURLY | 11 | | ECTI | наияг | 11 | |
| | REFL | | 10 | | REF | | 10 | H486 40NNA D0DQ30000 H0NNNNN44 | REFL | | ,-4 | |
| MINOT | | | ٥. | 144880000 | | | | | | | | |
| | 4 | | | | 00 | | | 00000000 | 37 | | | |
| OCATION | | | | | ë. | | | | .: 23 | | | |
| 2 | Z. HD | SOUTH | | | 1Z. H0 | SOUTH | | | [Z. H0 | SOUTH | | |
| | HORIZ | | | | HORI | S | | | HDR12 | | | |
| | 10 | ATION: | | 00000000 | 11 | ATION | • | 000000000 | 12 | ATION | | 000000000 |
| | MONTH: | ORIENT | ; | 4 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | MONTH: | ORIENT | : | | MONTH: | ORIENT | | — HO HO HO HO HO HO HO HO HO HO HO HO HO |

| | 0.187 | DAILY TOTAL | RADIATION | | 0.187 | DAILY TOTAL | RADIATION | 00000000000000000000000000000000000000 | 6.188 | DAILY TOTAL | RADIATION | URARARARA ENDARARARA EDDENIZIONO |
|----------|-----------|-------------|-----------|--|-----------|-------------|-----------|---|-------------------|-------------|-----------|---|
| | KD: | Ω. | 20 | | K Ü | | | ****** | 5 0 | ** | 20 | |
| ES | | | 19 | | | | 19 | 00000000 | | | 19 | 00000000 |
| MINUTE | 989 | | 18 | | 177 | | 18 | | 561 | | 18 | 999000000 |
| 58 | - | | _ | | • | | 17 | 6 000000000000000000000000000000000000 | 9. | | 17 | |
| DEGREES | <u>:</u> | | 9 | 0000000 0000000 0000000000000000000000 | <u></u> | | 16 | | <u>::</u> | | 16 | |
| 40 DE | ¥. | _ | 15 | 88888888888888888888888888888888888888 | 2 | _ | 15 | 72.00 72.00 72.00 72.00 72.00 72.00 72.00 | K | _ | 15 | 00000000 00000000 00000000000000000000 |
| TITUDE | | ADIATION | 14 | | | TATION | * | | | IATION | 14 | |
| LATIN | 0.20 | Φ. | 13 | | 9.20 | R RADI | _ | | 0.20 | R RADI | | 80000000000000000000000000000000000000 |
| K | ITY: (| SOLAR | 12 | | 77: | SOLA | 12 | 600000000 400000000 4040000000 | 7. | SOLAI | 12 | 000000000 00000000 000000000 |
| | EFLECTIV) | HOURL Y | 11 | | EFLECTIVI | HOURLY | 11 | 66666666 44000000000 860400000000 | FLECTIVI | OURLY | | 00000000 00000000 00000000000000000000 |
| SLAND | REFL | Ξ | 70 | | REFL | Ŧ | 10 | | REFLI | Ī | 10 | 00000000 400000000 4000000000 4000000000 |
| AND I | | | • | 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | | | | | | | • | 000000000 WAAAAAAAA |
| . | • | | 40 | 60.000000000000000000000000000000000000 | ^ | | | 800000000 | 'n | | .00 | |
| OCATION | 4.2 | | ^ | 80000000 | 9 | | ~ | 000000000 000000000 | 8 | | | 0000000 |
| 50 | . HO: | H | • | 00000000 | . HO: | SOUTH | • | 900000000 | . K 0: | H | | 00000000 |
| | HORIZ | SOUT | • | 8666666 | HORIZ | SOL | | 000000000 | HORIZ | SOUT | ₩. | 888888888 |
| | - | TIOM: | | 60000000 | ~ | TION: | | | m | TION: | • | 600000000 |
| | MONTH: | ORIENTATION | | 20000000000000000000000000000000000000 | MONTH: | ORIENTA | | | RONTH: | ORIENTA | | - WWWWW |

| | 0.183 | DAILY TOTAL | RADIATION | พพพพพพพพ พพจ พพจ พพพ พพพ พพพ พพพ พพพ พพ | 0.181 | DAILY TOTAL | RADIATION | & & & & & & & & & & & & & & & & & & & | 0.173 | DAILY TOTAL | RADIATION | 5 5 6 6 6 6 7 7 7 |
|----------|-----------|-------------|-----------|---|----------|-------------|-----------|--|--------|-------------|-----------|--|
| | KĐ: | | 20 | 00000000 | KD: | | | 00000000 | ξÖ. | | CO I | 00000000 |
| ES | | | 19 | 00000000 | | | 19 | | | | 19 | |
| MINUT | :33 | | 18 | | 552 | | 18 | 0.12 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | :03 | | - | 0.15 0.13 0.00 0.00 0.00 0.05 0.05 |
| 58 | 0.5 | | 17 | 000000000000000000000000000000000000000 | 6 | | | 0.27 0.23 0.22 0.22 0.20 0.17 0.17 | 9.0 | | 17 | 0.32 0.23 0.23 0.23 0.13 0.13 1.8 |
| GREES | <u>:-</u> | | 16 | | <u>:</u> | | 16 | | Ë | | 16 | |
| 40 DE | Z | - | 15 | 00000000000000000000000000000000000000 | Σ | z | 15 | | × | 7 | 15 | |
| TUDE | | IATION | 14 | 00000000 00000000 000000000 | | IATION | 7 | | | IATION | 14 | 0.73 0.73 0.73 0.69 0.63 |
| LATI | 0.20 | R RADI | 13 | : | 0.20 | R RAD | 13 | 0.00 0.75 0.75 0.75 0.00 0.00 0.00 0.00 | 0.20 | R RAD | 13 | |
| Ä | ITY: (| SOLAF | 12 | | ITY: (| SOLA | _ | 00000 0000 0000 0000 0000 0000 | ITY: (| SOLA | ~ | 000000000 0000000000000000000000000000 |
| | ECTIV. | OURLY | 11 | | ECTIV | OURLY | 11 | | ECTIV | OURLY | 11 | 00000000000000000000000000000000000000 |
| SLAND | REFL | Ŧ | 0 | 00000000 100000000 1000000000 | REFL | Ī | 10 | 00000000 0000000 0000000 0000000 | REFL | Ī | 10 | 0.73 0.73 0.73 0.69 0.65 0.65 |
| AND I | | | 6 | 000000000 4000000000 8044400VW | | | 6 | 0000000 0000000 000000000 00000000000 | | | 6 | 000000000000000000000000000000000000000 |
| GR | 8 | | •0 | | 7 | | € | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 2 | | • | 00000000000000000000000000000000000000 |
| LOCATION | 10.0 | | ~ | 000000000000000000000000000000000000000 | 11.2 | | 7 | 00.23 | 11.7 | | 7 | 0.023 |
| 100 | . HO: | Ħ | | | . HO: | TH. | 9 | 000000000000000000000000000000000000000 | . HO: | OUTH | \$ | 0.13 0.13 0.04 0.05 0.05 0.05 |
| | HORIZ | SOUT | ĸ | 00000000 | HORIZ | SOUTH | 'n | | HORIZ | SOU | ĸ | |
| | • | TION: | | 00000000 | Ŋ | TION: | • | | 9 | TION: | | |
| | MONTH: | ORIENTA | | 41LT 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0. | MONTH: | ORIENTA | | | MONTH: | ORIENTA | į | 711 - 11 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 |

| | 0.169 | DAILY TOTAL | RADIATION | 600.000 600.000 600.000 600.000 600.000 | 0.170 | DAILY TOTAL | RADIATION | ************************************** | 0.175 | DAILY TOTAL | RADIATION | 4 W W W W W W W W W W W W W W W W W W W |
|---------|--------|-------------|------------|---|--------|-------------|-----------|--|---------|-------------|-----------|---|
| | χÖ | | 20 | | KĎ: | | 20 | 00000000 | KD: | | 20 | |
| ES | | | ~ 1 | 000000000000000000000000000000000000000 | | | 19 | 00000000 | | | 19 | 00000000 |
| MINUL | 20 | | 18 | 222000000 22200000 22200000 | 15 | | 18 | 80000000 00000000 00000000 | 56 | | 18 | 00000000 |
| 58 | 9.0 | | 17 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 9.0 | | 17 | 000000000000000000000000000000000000000 | 0.5 | | 17 | NUMMMMMM |
| GREES | | | ~ 1 | 0000000 44444 74444 74444 74444 7444 74 | | | 16 | 00000000 4444444444 044400444 | •• | | - | 00000000 00000000 00000000000000000000 |
| 40 DE | K | _ | 15 | | X | _ | 15 | ອວລວອອອອດ ບູນທູນທູນທູນ ຈະຄອດສະປຸດ | X | _ | 1 | 440000000 4400000000 44000000000 |
| UDE. | | ATTON | 14 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | | ATION | 51 | 000000 000000 000000 000000 00000 | | ATION | 14 | 00.00 |
| LATIT | 1.20 | RADI | 13 | | 02.6 | R RADI | | C & & & & & & & & & & & & & & & & & & & | 0.20 | R RADI | 13 | 00.74 |
| ۳ س | ITY: 0 | SOLAR | 12 | 88888887 88888887 8888887 8888887 | ITY: 0 | SOLAR | ~ | | 11Y: (| SOLAR | 12 | 0.00 0.77 0.77 0.00 0.00 0.00 0.00 0.00 |
| | ECT IV | OURLY | 11 | | ECT IV | OURLY | 11 | | ECT IV. | OURLY | 11 | |
| SLAND | REFL | Ĩ | 10 | 000000 447.000 87.000 | REFL | Ĭ | 10 | 0.68 0.73 0.74 0.74 0.73 0.69 | REFL | Ξ | 10 | |
| AND I | | | • | 000000000 0000000000 000000000000 | | | 6 | 00000000000000000000000000000000000000 | | | 6 | 24400000000000000000000000000000000000 |
| GR | • | | •0 | 000000000 1444444 | ĸ | | • | 000000000 04444460000000000000000000000 | 8 | | * | 000000000000000000000000000000000000000 |
| OCATION | 11.26 | | ~ | 11000000000000000000000000000000000000 | 9.9 | | ~ | 00.525 | 8.0 | | ~ | 000000000000000000000000000000000000000 |
| 1007 | . H0: | Ξ | 9 | | . H0: | Ξ | | 00000000000000000000000000000000000000 | . но: | Ξ | 9 | |
| | HORIZ | SOUT | ĸ | 600000000 | HORIZ | SOUTH | 80 | | HORIZ | Sou | | 00000000 |
| | 7 | TION: | | 00000000 | • | TION: | | 00000000 | 6 | TION: | | |
| | MONTH: | ORIENTAL | i | 71LT 10.00 225.00 35.00 46.00 60.00 | MONTH: | ORIENTA | 1 | 220.00 20.00 30.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 | MONTH: | DRIENTAL | | 711 0.0 0.0 225.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 |

| | 0.173 | DAILY TOTAL | RADIATION | พ444พพพพพ พ.น.ค. พ.น.ค. พ.ส.ส.ส.ส.พพ.ผ | 0.181 | DAILY TOTAL | RADIATION | 0000000444 | 0.158 | DAILY TOTAL | RADIATION | |
|--------|--------|-------------|------------|---|--------|-------------|-----------|--|---------|-------------|-----------|---|
| | KD: | | EA I | 200000000 | ΚĎ | | ~ | 00000000 | ΚĎ | | € 1 | 00000000 |
| TES | | | | 000000000 | | | - | 00000000 | | | 19 | 00000000 |
| MINUT | 209 | | 7 | 00000000 | 548 | | ~ | 000000000 | 497 | | | 000000000 |
| 53 | | | 17 | 00000000 | | | _ | 00000000 | | | # | 00000000 |
| EGREE | T: | | 16 | 00000000 | | | 16 | 00000000 | | | 16 | 00000000 |
| 40 D | ¥ | z | 15 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | × | z | 15 | 0.220 0.320 0.320 0.320 0.320 0.320 0.320 0.320 | × | z | 15 | 00000000000000000000000000000000000000 |
| TUDE | | IATIO | 14 | 00000000 400000000 | | IATIO | - | 00000000 | | IATIO | | 00000000000000000000000000000000000000 |
| LATI | 0.20 | RRAD | 13 | 0.53 0.68 0.73 0.73 0.75 0.75 | 3.20 | R RAD | 13 | 20000000000000000000000000000000000000 | 0.20 | RRAD | 13 | 10000000000000000000000000000000000000 |
| X M | ITY: | SOLA | 12 | 00.00 00.00 00.00 00.00 00.00 00.00 | ITÝ: | SOLA | 12 | 44 | ITY: | SOLA | 12 | 000000000 0000000000000000000000000000 |
| | ECTIV | OURLY | 7 | 0.53 0.68 0.73 0.75 0.75 | ECTIVI | OURLY | 11 | 8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | ECTIV | OURLY | | 1 8 4 7 4 |
| SLAND | REFL | I | 10 | | REFL | x | | 000000000 | REFL | I | _ | 00000000000000000000000000000000000000 |
| AND I | | | 0 | 000000000000000000000000000000000000 | | | | 0.20 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | | | ٥ | 0.0000000000000000000000000000000000000 |
| GR | • | | 6 0 | 00000000 00000000000000000000000000000 | ĸ | | 60 | 00.100 | 1 | | ∞ | 0.00 |
| ATION | 5.9 | | 7 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 4.2 | | 7 | 000000000 | 3.6 | | | |
| 1007 | . H0: | TH. | | | . HO: | оптн | | 000000000 | . HO: | TH | | 00000000 |
| | HORIZ | SOUT | | 000000000 | HORIZ | sou | | 000000000 | HORIZ | SOUTI | | 00000000 |
| | 10 | 1 1 0 N : | 4 | 00000000 | 11 | TION: | | | 12 | TION: | | |
| | MONTH: | ORIENTA | - | 6 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | MONTH: | ORIENTA | ; | 22000000000000000000000000000000000000 | MON FH: | ORIENTAT | | 50000000000000000000000000000000000000 |

| | 0.187 | DAILY TOTAL | RADIATION | 04000000000000000000000000000000000000 | 0.186 | DAILY TOTAL | RADIATION | G B B B B B B B B B B B B B B B B B B B | 0.187 | DAILY TOTAL | RADIATION | を4444444 ・ |
|----------|---------|-------------|-----------|---|--------|-------------|-----------|---|--------|-------------|-----------|--|
| | KĐ: | | | 00000000 | ΚĐ | | ~ | 00000000 | ΚĎ | | ~ | 00000000 |
| TES | | | 19 | 00000000 | | | | 00000000 | | | , | 00000000 |
| MINUT | 474 | | - | 00000000 | 468 | | _ | | 482 | | 18 | 000000000 |
| 5 22 | 0 | | 17 | | 0 | | 17 | 00000000000000000000000000000000000000 | 0 | | 17 | |
| EGREE | :- - | | | 000000000 | Ë | | 16 | 00000000 4455574444 44555744444 | Ë | | 91 | 000000000 2000000000000000000000000000 |
| 41 DE | × | - | 15 | | 7 | z | 15 | 00000000 00000000 00000000000000000000 | Z | z | 15 | 00000000000000000000000000000000000000 |
| TUDE | | IATION | \vdash | 00.00 00 | | IATION | | 00.00 00 | | ATIO | 14 | 44000000000000000000000000000000000000 |
| LATI | 0.20 | R RADI | 13 | 000000000 000000000 004440000 | 0.50 | R RAD | 13 | 000000000 44200000000 44400000000 | 0.20 | R RADI | 13 | 00000000000000000000000000000000000000 |
| N.E. | ITY: (| SOLAF | _ | 00000000 0000000 000000000000000000000 | ITY: (| SOLAF | 12 | | 17Y: (| SOLAF | 12 | 00000000000000000000000000000000000000 |
| | ECT IV | OURLY | 11 | | ECT IV | OURLY | 11 | | ECTIVI | OURLY | 11 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 |
| ОМАНА | REFL | Ĭ | | 00000000000000000000000000000000000000 | REFLI | Ĭ | 10 | 0000000 000000 00444444444444444444444 | REFL | H | 10 | 000000000 44000000000 0000000000 |
| RTH OF | | | 6 | 0.25 0.25 0.25 0.33 0.33 0.33 | | | 6 | 00000000 00000000 00000000000000000000 | | | Φ. | 00000000000000000000000000000000000000 |
| Ö | 2 | | •0 | 0.0000000000000000000000000000000000000 | 6 | | •0 | 00.22 00.22 00.22 00.22 00.22 00.22 00.22 | 0 | | • | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 |
| LOCATION | 4.2 | | | | 6.0 | | 7 | 0000000 | 8.0 | | 7 | 000000000 |
| 7007 | . но: | TH. | _ | 00000000 | . HO: | Ξ | | 00000000 | . HO: | E | 9 | |
| | HORIZ | SOU | | | HORIZ | SOUTH | | | HORIZ | SOUT | | 00000000 |
| | _ | :NOI | | 00000000 | ~ | : NOI | 4 | | m | : NOI | 4 | |
| | MONTH: | ORIENTAT | ; | 71LT 10.0 20.0 20.00 30.00 35.00 50.00 | MONTH: | ORIENTAT | ì | 11. 10.00 220.00 330.00 40.00 60.00 | MONTH: | ORIENTAT | | 7117 10.00 20.00 30.00 35.00 50.00 |

| | 0.138 | DAILY TOTAL | RADIATION | 400000444 611410672 0000000000 | 0.185 | DAILY TOTAL | RADIATION | พพพพพพพพ ••••••••••••••••••••••••••••• | 0.178 | DAILY TOTAL | RADIATION | 66666666666666666666666666666666666666 |
|----------|--------|-------------|------------|--|----------|-------------|-----------|---|----------|-------------|-----------|---|
| | KD: | | 20 | 00000000 | KD: | | 20 | | KD: | | 20 | 00000000 |
| ES | | | 19 | 00000000 | | | 19 | 0.00.00.00.00.00.00.00.00.00.00.00.00.0 | | | 19 | 00000000000000000000000000000000000000 |
| MINUT | 6.05 | | 18 | 0000000 0000000 00000000 | 524 | | 18 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | 571 | | | 0.000.000.000.000.000.0000.0000.0000.0000 |
| 22 | 4.0 | | 17 | 000118 | 0.5 | | 17 | | 0 | | 17 | 00.00 00 |
| EGREES | | | 16 | 00000000 0000000000000000000000000000 | <u>:</u> | | 16 | | Ë | | 16 | 00000000 44444 8888 8888 8888 8888 |
| 41 DE | Z | z | 15 | 00000000 44444444 644444444 | Σ | z | 15 | | <u> </u> | ~ | 15 | 000000000 000000000 0000000000000000 |
| TUDE | | IATION | ~ i | 00000000 00000000 00000000 000000000 | | IATION | 14 | | | IATION | 14 | 000000000000000000000000000000000000000 |
| LATI | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | | 0.20 | R RAD | | 0.75 0.75 0.76 0.76 0.73 0.73 |
| N E | ITY: (| SOLA | 12 | 00000000000000000000000000000000000000 | ITY: (| SOLA | 12 | 000000000000000000000000000000000000000 | ITY: | SOLAI | 12 | 00000000000000000000000000000000000000 |
| | ECTIV | OURLY | | 00000000 | ECTIV | OURLY | 11 | | ECTIV | OURLY | 11 | 0.75 0.75 0.77 0.76 0.74 0.63 |
| ОМАНА | REFL | Ī | 10 | 00000000 00000000 0000000000 00000000 | REFL | Ī | 10 | | REFL | Ī | 10 | |
| RTH 0 | | | 6 | 03000000 4444444 7644444 | | | 6 | 00000000000000000000000000000000000000 | | | o | 1 00000000 1 00000000 1 000000000000000 |
| N | 6 | | | 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 9 | | | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | 2 | | ∞ | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| LOCATION | 9.9 | | 7 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 11.2 | | 7 | 2000000 2000000 20000000 | 11.7 | | 7 | 0.23 |
| 707 | . но: | Ŧ | | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | . HO: | TH | 9 | 1 | . HO : | TH. | 9 | 0.13 |
| | HORIZ | SOUT | ĸ | 000000000 | HORIZ | SOUTH | ĸ | | HORIZ | SOUT | Ŋ | 000000000000000000000000000000000000000 |
| | J | TION: | | | ī | TION: | | | • | TION: | | |
| | MONTH: | ORIENTA | | 7117 10.00 220.00 320.00 550.00 60.00 | MONTH: | ORIENTA | i | 20000000000000000000000000000000000000 | MONTH: | ORIENTA | į | 7111 0.0 220.00 225.00 35.00 56.00 |

| | 0.175 | DAILY TOTAL | RADIATION | \$ | 0.175 | DAILY TOTAL | RADIATION | 81221112 8122112 8122112 8122112 | 0.182 | DAILY TOTAL | RADIATION | 444000004 |
|---------|---------|-------------|-----------|--|------------|-------------|------------|--|------------|-------------|-----------|--|
| | KĐ: | | 20 | 00000000 | ž Ž | | 20 | 00000000 | KD: | | 20 | 00000000 |
| ES | | | 19 | | | | | 00000000 | | | 19 | 00000000 |
| MINUTE | 06 | | 18 | 20000000000000000000000000000000000000 | 16 | | 18 | | 43 | | 18 | 00000000 |
| 22 | 0.5 | | 17 | | 0.5 | | 17 | 000000000000000000000000000000000000000 | 0.5 | | 17 | HAMMAMMA |
| GREES | | | 16 | | | | 16 | 000000 000000 0000000 0000000000000000 | <i>.</i> . | | 16 | 00.23 |
| 41 DE | × | | 15 | | X | | 15 | 0000000 0000000 0000000 000000 000000 | X | | 15 | 0000000 444444 0444444 04468 |
| TUDE | | ATION | 14 | 00.000 | | ATION | 14 | 00.000000000000000000000000000000000000 | | ATION | 7 4 | |
| LATIT | .20 | RADI | _ | 00.00 | .20 | RADI | _ | 00.72 00.73 00.73 00.73 00.73 00.75 | .20 | RADI | 13 | 00.58 |
| N M | TY: 0 | SOLAR | - | 000000000000000000000000000000000000000 | TY: 0 | SOLAR | 2 | 00 00 00 00 00 00 00 00 00 00 00 00 00 | 17: 0 | SOLAR | 12 | 0.60 0.70 0.72 0.73 0.73 0.73 |
| | ECTIVI | OURLY | 11 | | FLECTIVI | HOURLY | 11 | 0.72 0.78 0.79 0.79 0.79 0.75 | ECTIVI | OURLY | 11 | 0.583 |
| DMAHA | REFLECT | ¥ | 10 | | REFL | Ĭ | 10 | 0.68 0.70 0.70 0.70 0.68 0.68 | REFLE | ¥ | 10 | 00.000000000000000000000000000000000000 |
| Ξ | | | 6 | 000000000 0000000000 0000000000 | | | | 00000000 00000000 00000000000000000000 | | | | 000000000000000000000000000000000000000 |
| NON | | | •• | 20000000000000000000000000000000000000 | A 1 | | * 0 | 00000000000000000000000000000000000000 | | | | 000000000000000000000000000000000000000 |
| OCATION | 11.25 | | 7 | | 9.92 | | 7 | 00.22000.221000.22000.138 | 7.97 | | _ | 000000000000000000000000000000000000000 |
| 1001 | . HO: | £ | 9 | 00000000000000000000000000000000000000 | H0: | Ξ | | 00000000 000000 000000 | : PP | E | 9 | |
| | HORIZ | SOUT | | | HORI7 | SOUTH | N | | HORIZ | Sou | Ŋ | |
| | 7 | : NOI 1 | | 00000000 | •0 | TION: | | | ٥ | T 10N: | | 00000000 |
| | MONTH: | ORIENTA | i | 41L1 0.0 0.0 225.00 330.00 35.00 60.00 | MONTH: | ORIENTAL | j | 655 000 000 000 000 000 000 000 000 000 | MONTH: | ORIENTAL | | 1111 0.0 220.00 35.00 56.00 |

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| | 0.179 | DAILY TOTAL | RADIATION | พพ444444 พพ44พ4 พพ44พ4 พพพ พพพ พพพ พพพ | 0.187 | DAILY TOTAL | RADIATION | 2008888888 648694846 848648466 | 0.186 | DAILY TOTAL | RADIATION | 3.22.22.33.1 3.22.33.1 3.65.23.1 3.65.23.1 3.65.23.1 |
|------------|----------|-------------|--------------|---|--------|-------------|-----------|--|---------|-------------|-----------|---|
| | KD: | | 2 | 00000000 | ë ë | | | 00000000 | KĎ: | | 20 | 000000000 |
| TES | | | ~ 4 1 | 00000000 | | | 19 | | | | 19 | 00000000 |
| MINUT | 561 | | 18 | 00000000 | 485 | | 18 | | 455 | | - | |
| 5 22 | | | 17 | 0000000 | | | 17 | 000000000 | | | ~ | 00000000 |
| EGREE | <u>:</u> | | 16 | | + | | 16 | 0.00 0.10 0.11 0.11 0.11 0.11 0.11 | <u></u> | | 16 | 0.03 0.05 0.06 0.06 0.07 0.07 |
| 41 Di | ⋤ | _ | 15 | พพงสุดสุดสุด | Σ | _ | 15 | HUUNUMMIN | X | | 15 | 00.000. |
| TUDE | | ATION | 14 | 441111111111111111111111111111111111111 | | ATION | | | | ATION | | 00 00 00 00 00 00 00 00 00 00 00 00 00 |
| LATIT | .20 | RADI | | 410000000 | .20 | RADI | 13 | | .20 | RADI | _ | 00.28 00.44 00.44 00.50 0.50 |
| W) | TY: 0 | SOLAR | 12 | 0.52 0.59 0.65 0.70 0.73 0.73 | TY: 0 | SOLAR | 12 | MAANNUNUN | TY: 0 | SOLAR | 12 | www.a.a.a.www |
| | ECTIVI | OURLY | 11 | 00 64 60 60 60 60 60 60 60 60 60 60 60 60 60 | CTIVI | OURLY | 11 | waa a www.www | CTIVI | URLY | 11 | Swwaaaaww |
| MAHA. | REFLE | ¥ | 10 | | REFLE | Ħ | 10 | | REFLE | 유 | | 0 . 32 0 . 32 0 . 33 0 . 33 0 . 43 0 . 43 |
| KTH OF | | | 6 | 00000000000000000000000000000000000000 | | | 6 | MUMMUNUM | | | 6 | 0.22 0.22 0.22 0.25 0.25 0.25 |
| NON NON | | | 60 I | 00.00 00 | | | | 0.08 0.10 0.11 0.11 0.11 0.11 | | | • | 0.03 0.05 0.06 0.06 0.07 0.07 |
| NOTIO | 5.90 | | , | 00000000 | 4.18 | | | 00000000 | 3.54 | | 7 | 00000000 |
| LOCA | . HO: | Ξ | | 00000000 | . H0: | E | 9 | 00000000 | H0: | Ŧ | - 1 | |
| | HORIZ | SOUTH | 1 | | HORIZ | SOUTH | - 1 | 00000000 | HORIZ. | SOUT | 7. | |
| | 10 | TION: | 4 | •••••• | 11 | 1 I ON : | 3 | 00000000 | 12 | r I ON: | | 00000000 |
| | MONTH: | ORIENTA | | 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | MONTH: | ORIENTA | | 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | MONTH: | ORIENTAT | _ | 200 200 200 300 200 200 200 200 200 200 |

| | 0.186 | DAILY TOTA | RADIATION | 20000000000000000000000000000000000000 | 0.188 | DAILY TOTA | RADIATION | WWWWA4444 047.60.4000 046.040000 046.0440000 | 0.185 | DAILY TOTA | RADIATION | 4444444 000000 00000000000000000000000 |
|----------|---------|------------|---------------|---|---------|------------|-----------|---|--------|------------|---------------|--|
| | KD: | | 20 | 00000000 | KD: | | 20 | 00000000 | KD: | | | 00000000 |
| TES | | | 19 | | | | 19 | 000000000 | | | | 00000000 |
| MINUTE | 512 | | 18 | 00000000 | 200 | | 13 | 00000000 | 523 | | 18 | |
| 8 | 0 | | 17 | 00000000 | 0 | | 17 | | • | | 17 | |
| GREE | | | 16 | 0.0000000000000000000000000000000000000 | <u></u> | | Ä | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | | | 16 | 00.000000000000000000000000000000000000 |
| 41 DE | ¥ | | $\overline{}$ | 00000000000000000000000000000000000000 | · 🔽 | | 15 | | ¥ | | $\overline{}$ | 00000000000000000000000000000000000000 |
| TUDE | | ATION | 14 | | | ATION | 14 | | | ATION | 14 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| LATIT | .20 | RADI | 13 | 00000000 W44WWWW00 0W0000000 | .20 | RADI | 13 | | .20 | RAPI | 13 | 00.000 |
| Ä | TY: 0 | SOLAR | 12 | 00000000000000000000000000000000000000 | TY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | | 0.58 0.58 0.70 0.70 0.70 0.69 |
| | ECTIVI | OURLY | 11 | | ECTIVI | OURLY | 11 | | CTIVI | OURLY | - | 00.64 |
| ATTE | REFLE | H | 10 | | REFLE | H | 10 | | REFLE | H | | 000000000000000000000000000000000000 |
| TH PL | | | 6 | 00000000 00000000000000000000000000000 | | | 6 | 800000 800000 800000 800000 | | | 6 | 00000000000000000000000000000000000000 |
| NOR | | | •0 | 70000000 70000000000000000000000000000 | | | 80 | 6000000 1000000000000000000000000000000 | | | •• | 000000000000000000000000000000000000000 |
| LOCATION | 4.26 | | 7 | 000000000 | 6.04 | | 7 | 000000 0000000 0000000 | 8.03 | | ^ | 00.122201100011100111101111111111111111 |
| 1007 | H0: | Ξ | | 00000000 | 19 | Ŧ | • | 00000000 | HO | æ | 9 | 000000000000000000000000000000000000000 |
| | HORIZ. | SOUTH | | | HORIZ. | SOUTH | ĸ | 00000000 | HORIZ. | SOUTH | ĸ | 00000000 |
| | - | TION: | | | 8 | TION: | * | | m | TION: | | |
| | MONTH: | OKIENTA | | 11 L 1 L 1 L 1 L 1 L 1 L 1 L 1 L 1 L 1 | MONTH: | ORIENTAT | i | 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | MONTH: | ORIENTA | í | 711 0.00 220.00 330.00 50.00 50.00 60.00 |

| | 0.182 | TOTAL | ATION | 4.67.7.7.86 4.67.7.7.86 6.6.7.7.86 6.6.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7. | 0.180 | TOTAL | ATION | 7.7.00 7.00 7.00 7.00 7.00 7.00 | 0.171 | TOTAL | ATION | |
|-----------|--------|----------|-------|--|---------|----------|-------|--|--------|----------|-------|---|
| | | DAILY | RADI | เขาเขาเขาเขาเขาเขา | | DAILY | RADI | <i>-</i> ወወወወቀጠብጠ4 | | DAILY | RADI | ~~~~~~~~ |
| | KD: | | 20 | 00000000 | KD: | | | 00000000 | ξÖ | | ~ | 000000000 |
| ES | | | | 00000000 | | | 19 | | | | 19 | |
| MINUT | 643 | | 18 | 00000000 0000000 00000000 | 92! | | 18 | 0.112 0.013 0.003 0.007 0.005 0.005 | 10 | | 18 | |
| 60 | 0.5 | | 17 | | 0.5 | | 17 | | 9.0 | | 17 | |
| EGREES | ·· | | 16 | 00000000 00000000000000000000000000000 | | | 9 | 0 . 4 . 0 . 0 . 4 . 0 . 0 . 4 . 0 . 0 . | •• | | 16 | 00000000000000000000000000000000000000 |
| 41 DE | X | | 15 | 000000000 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Z | _ | 15 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | 琞 | | 15 | 00000000000000000000000000000000000000 |
| UDE | | ATION | 14 | 000000000 040000000 040000000 | | IATION | - | 0.66 0.68 0.68 0.68 0.65 0.69 0.56 | | IATION | ~ | 00000000000000000000000000000000000000 |
| LATIT | 0.20 | R RADI |] 3 | 00.722 | 0.20 | R RAD | 13 | | 0.50 | R RADI | 13 | 000000000000000000000000000000000000 |
| N E | ITY: (| SOLAR | 12 | 000000000000000000000000000000000000000 | ITY: (| SOLA | 12 | | ITY: (| SOLAI | 12 | |
| | ECTIV | HOURLY | 11 | 00.72 | ECTIV | OURLY | - | 0.72 0.75 0.75 0.75 0.71 0.61 | ECTIV | OURLY | 11 | 000000000000000000000000000000000000000 |
| LATTE | REFL | Ī | 10 | #################################### | REFL | x | _ | 000000 00000 00000 00000 00000 00000 | REFL | Ī | 10 | 47.000.000 |
| RTH PI | | | 0 | 900000000 900000000 90000000000 | | | ٠ | 00000000 0000000 000000000000000000000 | | | σ. | 000000000000000000000000000000000000000 |
| NO | _ | | *0 | 000000000000000000000000000000000000000 | _ | | | 00000000 00000000 00000000000000000000 | 2 | | •0 | 00000000000000000000000000000000000000 |
| ATION | 10.0 | | 7 | 00.120 | 11.2 | | ^ | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | 11.7 | | | 000000000000000000000000000000000000000 |
| 100 | . H0: | Ħ | 9 | 00000000000000000000000000000000000000 | . HO . | H | | 246000000000000000000000000000000000000 | . HO: | 1.H | | 000000000000000000000000000000000000000 |
| | HORIZ | SOU | | | HORIZ | SOU | | 000000000 | HORIZ | SOUT | 50 | |
| | J | rion: | | 00000000 | 'n | I ION: | | 00000000 | 9 | TION: | 4 | 00000000 |
| | MONTH: | ORIENTAT | ; | - 10 | MONTH: | ORIENTAL | | 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | MONTH: | ORIENTAI | | 711 |

| | 0.164 | DAILY TOTAL | RADIATION | 7.18 7.28 7.21 7.31 6.39 6.79 6.57 5.41 | 0.166 | DAILY TOTAL | RADIATION | ************************************** | 0.170 | DAILY TOTAL | RADIATION | 40000000000000000000000000000000000000 |
|---------|--------|-------------|-----------|--|--------|-------------|-----------|--|--------|-------------|-----------|---|
| | KD: | | 20 | | ΚĎ | | | 00000000 | ΚĎ | | 20 | 000000000 |
| ES | | | 19 | | | | | | | | 19 | 00000000 |
| MINUT | 38 | | 18 | DODCODODE | 31 | | 33 | 00000000000000000000000000000000000000 | 17 | | 13 | |
| •0 | 9.0 | | 17 | 000000000 mondonemm mondonemm mondonemm | 9.0 | | | 00000000 | 9.0 | | 17 | 000000000000000000000000000000000000000 |
| DEGREES | | | 16 | | •• | | 16 | | | | | |
| 41 DE | ¥ | | 15 | 00000000 | K | | 15 | | X | | 15 | |
| TUDE | | ATION | 14 | 000000000000000000000000000000000000000 | | ATION | | 0000000 000000 000000 000000 | | ATION | 14 | 00.70 |
| LATIT | .29 | RACI | 13 | | .20 | RADI | 13 | DD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | .20 | RADI | 73 | 00.73 |
| X EE | TY: 0 | SOLAR | | 00000000000000000000000000000000000000 | TY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | 00000000000000000000000000000000000000 |
| | CTIVI | OURLY | _ | 00000000000000000000000000000000000000 | ECTIVI | HOURLY | 11 | | ECTIVI | OURLY | ~ | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 |
| LATTE | REFLE | ĭ | 7.0 | 000000000000000000000000000000000000000 | REFLE | ¥ | 10 | 0000000 0000000 00000000 0000000 | REFLE | H | 10 | 00000000000000000000000000000000000000 |
| RTH P | | | 0 | 00000000000000000000000000000000000000 | | | | 000000000000000000000000000000000000000 | | | • | 40000000000000000000000000000000000000 |
| NO | | | | 00000000000000000000000000000000000000 | m | | •0 | 00000000 4444444 4042240 | 0 | | •• | 00000000000000000000000000000000000000 |
| OCATION | 11.26 | | 7 | 00000000000000000000000000000000000000 | 9.9 | | 7 | 000000000000000000000000000000000000000 | 8.00 | | ~ | 000000000000000000000000000000000000000 |
| 1001 | . но: | TH. | \$ | 000000000000000000000000000000000000000 | . H0: | Ξ | 9 | | . но: | Ξ | | 900000000000000000000000000000000000000 |
| | HORIZ | เกอร | 3 | 00000000 | HORIZ | SOUTH | 80 | | HORIZ | 5007 | ĸ | 800000000 |
| | ^ | :NOI | 4 | 00000000 | •• | ION: | | | • | : NOI | | 00000000 |
| | MONTH: | ORIENTAT | i | 71LT 0.0 10.00 25.00 36.00 35.00 66.00 | MONTH: | ORIENTAT | | 111 10.00 25.00 35.00 40.00 60.00 | MONTH: | ORIENTAT | ; | 1111 00.00 30.00 40.00 50.00 60.00 |

| | 0.168 | DAILY TOTAL | RADIATION | พ କ ୍ୟ സസസസസ • • • • • • • • • • • • • • • • • • • | 0.179 | DAILY TOTAL | RADIATION | 000000444 40000440 0000000000000000000 | 6.184 | BAILY TOTAL | RADIATION | 12222 2232 2332 234 234 234 234 234 234 2 |
|----------|---------|-------------|-----------|--|---------|-------------|---------------|--|---------|-------------|-----------|--|
| | KD: | | 20 | | ΚĎ | | 20 | 00000000 | KD: | | 29 | 00000000 |
| TES | | | 19 | | | | 19 | | | | 19 | 00000000 |
| MINUTES | 625 | | 18 | 00000000 | 267 | | ; | 000000000 | 532 | | - | 00000000 |
| . | 6 | | Ä | 100000000 | ė | | 17 | 00000000 | ė | | 17 | 600000000 |
| PEGREES | KT: | | 16 | 0000000 | :1: | | 16 | 00000000 | :: | | 16 | 00000000 |
| 41 | * | × | 15 | 00000000 1 00000000 1 00000000 | × | NO | 15 | | ~ | NO. | 15 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| TUDE | | DIATIO | | | | ADIATIC | | ស្រុកក្សាសាសាសាសា <u> </u> | | DIAIIC | 14 | Nungaganu - |
| LATI | 0.20 | AR RAI | 13 | ころらファファ 60 60 60 | 0.20 | AR RAI | 13 | 44000000 | 0.20 | AR RAI | 13 | I WAANNUNAA |
| Ä | VITY: | 201 | | 1 N 0 7 7 8 8 8 8 8 8 8 8 | VITY: | SOL | | | VITY: | 201 | | |
| ш | LECTIV | HOURLY | 11 | こともファファの88 | LECTIVI | HOURLY | 11 | 1 4 4 N N O O O O O C | EFLECTI | HOURLY | 11 | 1 54 4 50 50 50 50 50 50 50 50 50 50 50 50 50 |
| PLATT | REFL | _ | Ħ | 40000000000000000000000000000000000000 | REFL | | 10 | i waaannunnin | REF | _ | ~ | I UNDAGAGUU |
| ORTH | | | | 844.478900 9000000000 | | | • | | | | • | WW & V V & W & D O D D D D D D D D D D D D D D D D D |
| z z | 96 | | | | 22 | | •• | | 58 | | •• | 00000000 |
| LOCATION | : .5 | | | | | | | | : | | | |
| 2 | Z. HO | SOUTH | | 1 00000000 | 1Z. HO | SOUTH | 9 | 00000000 | 1Z. HO | SOUTH | | |
| | HORIZ | | | | HORIZ | . 20 | <u>.</u> | 60000000 | HORIZ | •• | | 00000000 |
| | 10 | ATION | | 00000000 | 11 | IENTATION | • | 00000000 | 12 | ATION | | 000000000 |
| | HINGH: | ORIENT | | 222.00 222.00 223.00 232.00 232.00 200 200 200 200 | MONTH: | ORIENT | į | 60000000000000000000000000000000000000 | MONTH: | ORIENT | į | 22222222222222222222222222222222222222 |

| | 6.186 | DATLY TOTAL | RADIATION | 00000000000000000000000000000000000000 | 0.187 | DAILY TOTAL | RADIATION | | 0.185 | 10 | RADIATION | \$4444444 |
|----------|---------|-------------|-----------|--|--------|-------------|-----------|--|--------|----------|-----------|---|
| | KD: | | 20 | 00000000 | ΚĎ | | 20 | 68666666 | χÖ | | 20 | 000000000 |
| TES | | | 19 | 00000000 | | | 19 | 000000000 | | | 19 | 00000000 |
| MINUTES | 515 | | 13 | 000000000 | 206 | | 18 | | 519 | | - | |
| 5 52 | 0 | | | 00000000 | 6 | | 17 | 00000000 | • | | 17 | 100000000 |
| PEGREES | ;- | | 15 | | Ë | | 16 | | :- | | 16 | |
| 7 T | ¥ | 7 | 35 | | × | 7 | 15 | · - | ¥ | | 15 | |
| ATITUDE | | IATTON | | 000000000 00000000 000000000 000000000 | | IAT I OI | 14 | | | [AT 10] | ~ | |
| LATI | 0.20 | R RAD | 13 | | 0.20 | R RADI | 13 | | 0.20 | R RADI | 13 | |
| Ä | ITY: | SOLA | 12 | 000000000 1144111111111111111111111111111111111 | ITY: | SOLA | | | ITY: | SOLA | ~ | 00000000000000000000000000000000000000 |
| | 2 | HOURLY | 11 | 1 000000000 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | ECTIV | HOURLY | 11 | 400000000 | ECTIV | HOURLY | 11 | |
| TSBLUFF | REFLECT | x | 10 | 0000000 0000000 000444400 | REFL | x | 10 | 0000000 | REFL | Ĩ | 10 | 1 |
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| LOCATION | 4.1 | | ^ | 00000000 | 5.9 | | ۲. | CCCCCCCC | 7.9 | | | |
| 100 | . HO: | H. | _ | | . HO. | H | æ | 00000000 | H | Ŧ | 9 | |
| | HORIZ | SOUT | 80 | | HORIZ | SOUTI | if i | 000007000 | HORIZ | SOUT | 'n | 00000000 |
| | - | T I ON: | | | 8 | TION: | • | | m | T 10N: | • | 00000000 |
| | MONTH: | ORIENTA | | MWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW | FONTH: | ORIENTAT | | | MONTH: | ORIENTAT | | 7101 200 200 200 200 200 200 200 200 200 |

| | 0.184 | DAILY TOTA | RADIATION | • | Ÿ | . 4 | , M |) " | i٩ | • | • | 4.72 | 0.182 | DAILY TOTA | RADIATION | | 7 | 6.18 | ! • | 6. | • | Ņ | 9 | 0.174 | DAILY TOTA | RADIATION | 7.00.9 20.00.00.00.00.00.00.00.00.00.00.00.00.0 | 3.4 | 21 | • |
|-----------|--------|------------|-----------|-----|----------|--------|------------|-----------|-----|-----|----------|-----------|------------|------------|-----------|----------|------|---|------------|-----|-----------|------------|-------|----------|------------|-----------|---|------------|------|-------|
| | KD: | | 20 | • | ٠ | ٠ | ٠ | ٠ | ٠ | • | • | | χ Ö | | | | 0.0 | | • • | • | • | | | 5 | | | | | | • |
| res | | | 19 | • | • | ٠ | ٠ | ٠ | ٠ | • | • | 0.0 | | | 19 | | • | 7 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | | • | 9 | 9 0 | • | | | 19 | | 9.9 | 9.0 | ٠. |
| MINUTE | 528 | | 18 | ! ' | 9 | • | • | ? • | • s | ? = | • | 0.03 | 245 | | 18 | | 9.12 | € | 9 | 0 | 9 | 9 6 | 0 | 601 | | 18 | 0.16 | 00 | 0.0 | |
| 5 52 | • | | | 1 | 'n٠ | 4- | :- | :- | | - | : - | 9.15 | 6 | | | 1 | | 'nι | , | 'n | Ņ | ٠. | | - | | 17 | | üü | 4 | 7. |
| DESREE | ÷ | | ~ | | ?" | | ? " | | ?" | ? " | ? ~ | 0.29 | Ë | | | | | | | m | ٠, L | 'n | ij | <u>:</u> | | 16 | 64.4 64.4 64.6 64.6 | 4.4 | * " | 1 343 |
| 3 | × | 7 | 15 | 1 | ď. U | • | ' : u | • | Ü | | | | ¥ | * | 15 | 1 | • | |) 1 | W) | ו נא | ن م | * | × | 7 | 15 | | 4. 10 | 41.0 | • |
| TITUDE | | IATION | 14 | | ۰ | 9 | <u>ب</u> ن | ٠, | ۰. | • | • | 0.54 | | IATION | 14 | • | • | 99.6 | 9 | 9 | • | 0 4 | ij | | IATIO | 14 | 0.74 | | 9.49 | |
| LATI | 0.20 | R RAD | 13 | | 9.9 | 9 0 | ه به ح |) (| | 9 4 | 9 6 | | 0.20 | R RAD | | 1 | 0.7 | • | . ~ | 0.7 | ٠. د ۲ | ` 4 > 0 | 9.0 | 0.20 | R RAD | 13 | 0.00 | | | 9 |
| N E | ITY: | SOLA | _ | | 9.0 | |) · | ` · | |) r | ` Y | 9.0 | ITY: | SOLA | 12 | ı | 0.7 | <u>.</u> | | 0.7 | · · |) · · | 9.0 | ITY: | SOLA | 12 | 0000 | 90 | 0.0 | 9 |
| | ECTIV | HOURL Y | 11 | - | 9.0 | ٠ • | ٠. ٥ |) · | `` | 9 9 | 9 9 | 29.0 | FLECTIVI | HOURLY | | 1 | 0.7 | | - ^ | 0.7 | |) v | 9. | EFLECTIV | OURLY | ~ | 0000 | 600 | 0.0 | 9 |
| LUFF | REFL | I | 10 | 1 | , c | ٠ • | 9.0 | ٠ د | 9.0 | 9 4 | 9 6 | 0.56 | REFL | I | | | 9.6 | 9.0 | 9 4 | 9.0 | 9. | 9 C | 5. | REFL | I | | 0.72 | ~~ | 9.0 | 6.5 |
| COTTSBLUF | | | • | 1 | ٠ د د |) (|) i | ٠. | | . d | | N# .0 . | | | • | . ! | 0.5 | 0 |) t | 0.5 | 0 |) d | | | | • | 9999 | 00 | 90 | • |
| S | 96 | | | 1 1 | 9 | ? · | 7, | ?! | 2.0 | 7.0 | ? F | 4 0.29 | ž. | | •0 | , ! | 4.0 | 0.47 | * d | 0.3 | ~ . | 96 | . 6 | 5 | | •0 | 9.00 | 44 | 00 | |
| OCATION | . 9 | | 7 | | N (| 9 | 7. | 9 | 9 | 9 6 | | 3 0 . I 4 | : :1.2 | | ^ | . ; | 9.5 | 9.50 | | 2 | 0.5 | 7.0 | : ~: | : 11.7 | | 7 | 4 0 .32 | | 00 | |
| Š | . #0 | SOUTH | • | 1 | - | ? (| 9 | 9 | 9. | 9. | <u> </u> | 9 6 | 2 | SOUTH | • | | 0.7 | ~ • |) C | 0 | 0.0 | D C | 0 | . 40 | HH | • | 9000 | 00 | 00 | 0 |
| | HORIZ | SO | ŧ۸ | | ٠ | ٠ | ٠ | | ٠ | ٠ | • | 90 | HOR IZ | SO | ** | ۱ . ا | • | 0 | , c | • | 9. | 9.6 | | HORIZ | SOUTI | • | 0000 | 00 | 00 | 0 |
| | • | ATION | • | • | • | ٠ | ٠ | ٠ | ٠ | ٠ | • | 90 | 1 0 | TION: | • | • | 9.0 | • | • | ٠. | ٠ | ٠ | | • | 110N: | • | 8000 | • • • | | • • |
| | MONTH: | ORIENTA | i | _, | 9 | D . | 9 | ٥. د م | 9.0 | | | 6.00 | MONTH: | ORIENTA | | - | | 0.0 |) | 9.0 | 5.0 | D 6 | 60.00 | MONTH: | ORIENTA | į | 10.00 | 000 | | |

| | 0.164 | Y 101A | ADIATION | 7.20 | 974 | 1.164 | LY TOTA | DIATION | \$4\$4\$445 \$4,000 \$6,000 \$4,000 \$6,000 | 0.165 | Y 101A | DIATION | 2224446 244546 245546 2 |
|----------|--------|---------|-------------|---|--|--------|----------|---------|--|--------|--------|---------|--|
| | | DAIL | RAI | | | | DAI | RA | | | DAIL | RAI | |
| | ž. | | | | | KĐ: | | N | | KD: | | 20 | |
| ES | | | | 600000 | | | | 19 | 00000000 | | | ~ | 00000000 |
| MINUTE | 0.4 | | 40 (| 42000 | | 38 | | 1 | | 37 | | 1.8 | |
| 52 | 9.6 | | 1 | 20000000000000000000000000000000000000 | 125 | 0.6 | | 17 | 222222 | 9.0 | | 17 | 00000000 00000000 |
| GREES | | | an. p-4 | ***** | 4 mm | | | į | | •• | | 1 | |
| 1 DE | KT. | | 15 | | 10 N & | KT. | | 15 | 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | K7 | | 15 | |
| UDE 4 | | TION | 14 | , <i></i> | 4 6 W | | ATION | 74 | , , , , , , , , , , , | | TIOH | 14 | |
| ATITU | 20 | RADIA | | 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 | 7,100 | 20 | RADIA | m | | 2 G | RADIA | | |
| س ب | Y: 0. | OLAR | | | 7807 | TY: 0. | SOLAR | | | Y: 0. | DL AR | 12 | |
| z | TIVITY | FLY S | 11 | | 1700 1700 1700 1700 1700 1700 1700 1700 | TIVI | HOURLY S | | | TIVITY | RLY S | | |
| FF | EFL EC | HOUE | | 000000 | 100 P | EFLEC | HOH | • | 77.7.7.4.6.6.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0 | EFLEC | HOURL | | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| TSBLUF | 2 | | _ | 24.44.44.44.44.44.44.44.44.44.44.44.44.4 | 10N0 | 22 | | • | 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 | œ | | | 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| SCOIT | | | ••• | 99798 | 70 W (1) | | | | 444444444 HWWWGHOW4 | | | • | 000000000000000000000000000000000000 |
| LON | 1.25 | | ~ | 20000 20000 20000 20000 | 2000 | 9.89 | | ~ | 270000000 | 7.91 | | ~ | 00000000000000000000000000000000000000 |
| LOCATION | HO: 1 | | | 400000 | 2000 2000 2000 | 94 | | | | 0H | | | 600000000 |
| _ | | SOUTH | 'n | 1 00000 | | | SOUTH | | 1 00000000 | | SOUTH | 2 | |
| | HORIZ | •• | | 00000 | 5000 | HORIZ | •• | • | 00000000 | HORIZ | •• | J | |
| | ~ | ATION | | 60000 | | 40 | ATION | | 69999999 | • | ATION | | |
| | MONTH: | ORIENTA | | 100.000 100.000 100.000 100.000 100.000 | 0000 0000 | HON1H: | ORIENT | , | 60000000000000000000000000000000000000 | HONTH: | ORIENT | | 00000000000000000000000000000000000000 |

| | 0.169 | DAILY TOTAL | RADIATION | 544466666 6277613466 428688624 | 0.180 | DAILY TOTAL | RADIATION | 000000044 00000000 04000000 040041000 | 0.185 | DAILY TOTAL | RADIATION | HGGGBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB |
|----------|--------|-------------|-----------|---|--------|-------------|-----------|--|------------|-------------|------------|--|
| | KD: | | 20 | 00000000 | KD: | | 20 | 00000000 | KD: | | | 00000000 |
| TES | | | 19 | 00000000 | | | 19 | 00000000 | | | PH 1 | 00000000 |
| MINUTES | 620 | | 18 | | 556 | | - | | 524 | | → ! | 000000000 |
| 5 52 | 0 | | 17 | | | | ~ | 00000000 | | | 17 | 00000000 |
| EGREE | Ë | | 16 | | ä | | 16 | 0.00 | : : | | 90 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 |
| 41 D | × | z | 15 | 0000000 0000000 WW4444000 | × | z | 15 | 0.259 0.320 0.320 0.320 0.340 0.410 | × | z | 15 | 00000000 |
| TUDE | | IATIO | 14 | | | IATIO | 14 | | | IATIO | ઝ i | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 |
| LATI | 0.20 | R RAD | M | | 0.20 | R RAD | 13 | | 0.20 | R RAD | | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 |
| NE | [TY: (| SOLAF | 12 | | ITY: | SOLAI | 12 | | ITY: | SOLA | | 00000000 1 W44 W W W W W W W W W W W W W W W W W |
| | ECTIV. | OURLY | 11 | 000000 000000 000000 000000 | ECTIV | HOURLY | 11 | 00000000000000000000000000000000000000 | ECTIV | OURLY | 11 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| LUFF | REFL | Ĭ | 0 | 1 4 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | REFL | Ξ | 10 | | REFL | I | 10 | 0.32 0.32 0.32 0.32 0.43 0.43 0.64 0.64 |
| OTTSBL | | | 6 | 00000000 WW4444WW | | | 0 | 0 . 1 . 0 . 0 . 0 . 0 . 0 . 0 . 0 . 0 . | | | 0 | 0.28 0.28 0.33 0.33 0.33 0.33 |
| SC | 2 | | 40 | 00000000 7122000000000000000000000000000 | | | 80 | 000000000000000000000000000000000000000 | 9 | | • | 10000000000000000000000000000000000000 |
| LOCATION | 5.8 | | | 00000000 | 4.1 | | 7 | | 3.4 | | | 00000000 |
| 100 | . HO: | Ξ | 9 | 00000000 | HO: | TH. | 9 | | . H0: | OUTH | • | |
| | HORIZ | SOUTH | īΟ | 00000000 | HORIZ | SOUTH | 'n | | HORIZ | SOU | | 00000000 |
| | 10 | TION: | 4 | 60000000 | 11 | TION: | * | | 12 | ATION: | * | |
| | MONTH: | ORIENTA | i | TILT 0.0 220.00 25.00 35.00 40.00 60.00 | MONTH: | ORIENTAT | | 71[1] 0.0 0.0 220.00 330.00 40.00 | MONTH: | ORIENTA | | TILT 0.0 10.00 225.00 325.00 46.00 50.00 |

| | 0.182 | DAILY TOTAL | RADIATION | 11.12.22.22.22.22.22.22.22.22.22.22.22.2 | 0.182 | DAILY TOTAL | RADIATION | 20000000000000000000000000000000000000 | 0.183 | DAILY TOTAL | RADIATION | мимимими 0.0740.00 0.0740.00 0.0740.00 0.0740.00 |
|---------|--------|-------------|---------------|--|--------|-------------|-----------|---|--------|-------------|-----------|---|
| | KD: | | 20 | | KD: | | | 00000000 | ΚĐ | | 20 | 00000000 |
| TES | | | - | 00000000 | | | 19 | 00000000 | | | ~ | 000000000 |
| MINUT | 371 | | 18 | 00000000 | 378 | | 2 N | 00000000 | 395 | | | 000000000000000000000000000000000000000 |
| 12 | 0 | | 17 | 00000000 | 6 | | 17 | | 0 | | _ | 000000000000000000000000000000000000000 |
| GREES | ·· | | 16 | 00000000000000000000000000000000000000 | • | | 16 | 00.114 00.114 00.115 00.115 16 | •• | | 16 | 00.000000000000000000000000000000000000 |
| 43 DE | X | | 15 | 0000000 000000000000000000000000000000 | K | | 15 | 00000000000000000000000000000000000000 | ¥ | | ~ | |
| UDE. | | ATION | 7 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00 | | ATION | 14 | 00.00 00 | | ATION | 7 | 0000000 0000000 0000000 00000000000 |
| LATIT | .20 | RADI | ~ | 00000000000000000000000000000000000000 | .20 | RADI | | 00 00 00 00 00 00 00 00 00 00 00 00 00 | . 20 | RADI | ~ | 00.474 |
| Ξ | TY: 0 | SOLAR | 12 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | TY: 0 | SOLAR | - | 00 00 00 00 00 00 00 00 00 00 00 00 00 | TY: 0 | SOLAR | 12 | 000000 4444 60000 644 646 646 646 646 64 |
| | ECTIVI | OURLY | | 4825.00 482 | ECTIVI | OURLY | 11 | 0 32 0 33 0 34 0 44 0 44 0 44 0 44 1 45 1 45 1 45 1 45 1 45 1 45 1 45 1 | CTIVI | OURLY | _ | 00.00 00 |
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| DCATION | 3.9 | | | 000000000 | 5.73 | | ^ | 00000000 | 7.78 | | 7 | 0.00 |
| 1007 | . HO: | Ξ | 9 | 000000000 | . HO: | Ξ | | 00000000 | . HO: | Ξ | | 00000000 |
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| | MONTH: | ORIENTAT | ; | 116- 1000 1000 1000 1000 1000 1000 1000 | MLNTH: | ORIENTAT | | 110 100 100 2200 3300 3300 400 600 600 600 | MONTH: | ORIENTAT | ; | 11[1 0.0 10.00 20.00 30.00 56.00 60.00 |

| | 0.184 | DAILY TOTAL | RADIATION | 44444444 100000000000000000000000000 | 0.185 | DAILY TOTAL | RADIATION | 4 R R A A A A A B C C C C C C C C C C C C C C | 0.186 | DAILY TOTAL | RADIATION | 84444555555555555555555555555555555555 |
|---------|----------|-------------|-----------|--|----------|-------------|-----------|--|----------|-------------|-----------|---|
| | KD: | | | 00000000 | KD: | | | 00000000 | ΚĎ | | 20 | 00000000 |
| ES | | | - | 00000000 | | | | 0000000 | | | 19 | |
| MINUT | 421 | | 18 | 00000000 | 555 | | | 0.11 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 458 | | I | |
| 5 12 | 0. | | 17 | 00000000 | ٠. 0 | | 17 | 0.22 0.22 0.22 0.13 0.13 | 9. | | 17 | 00.22 00.22 00.22 00.22 00.23 00.23 00.23 |
| EGREES | <u>:</u> | | | 22738888888888888 | <u>:</u> | | 16 | | <u>:</u> | | ~ | 00000000000000000000000000000000000000 |
| 43 DE | Σ | 7 | ~ | 00000000 800000000 8000000000 | × | z | 15 | 000000 44440000 484440000 | ~ | z | 15 | 00000000000000000000000000000000000000 |
| TUDE | | IATION | 7.4 | 0000000 44444444 000000000 | | IATION | 14 | 00000000000000000000000000000000000000 | | IATION | 14 | 00000000 00000000 000000000 0000000000 |
| LATI | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | 00000000000000000000000000000000000000 | 0.20 | R RAD | | 00000000000000000000000000000000000000 |
| ¥ | ITY: | SOLAI | 12 | 000000000 11111111111111111111111111 | ITY: | SOLA | 12 | 000000 000000 000000000 0000000000 | ITY: | SOLA | 12 | 00000000000000000000000000000000000000 |
| | ECTIV | OURLY | 1.1 | | ECTIV | OURLY | 11 | 0000000 000000 000000000 00000000 | ECTIV | OURLY | 11 | |
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| 00 | 9 | | •• | | לח | | €0 | 00.00 00.00 00.00 00.00 00.00 00.00 | m | | | 0000000 000000000000000000000000000 |
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| 707 | . HO: | I.H | | 1 00000000 1 000000000 | . HÖ: | ОИТН | 9 | 00.00.00.00.00.00.00.00.00.00.00.00.00. | . HO: | H | • | 00.00 |
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| | y | TION: | | | 2 | TION: | | | \$ | TION: | | |
| | MONTH: | CRIENTA | : | 7111 0.00 320.00 340.00 60.00 60.00 | MONT :: | ORIENTA | | 20000000000000000000000000000000000000 | MONTH: | ORIENTA | | 200.00 200.00 300.00 40.00 60.00 |

| | 0.186 | DAILY TOTAL | RADIATION | WWWWWW444 CHWCHO CHW | 0.186 | DAILY TOTAL | RADIATION | 44444444 W.C. 868C-64E W.C. 808C-64E | 0.186 | DAILY TOTAL | RADIATION | 88444444 9811.32.0.0 9810.00 |
|---------|--------|-------------|-----------|--|--------|-------------|-----------|---|--------|-------------|-----------|--|
| | χĐ: | | 2 | 00000000 | KD: | | | 00000000 | KD: | | | 00000000 |
| ES | | | 19 | | | | - | 00000000 | | | - | 00000000 |
| MINUT | 7.0 | | 18 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | 89 | | H | 000000000000000000000000000000000000000 | 64 | | 18 | |
| 12 | 4.0 | | 17 | | 4.0 | | | 000000 00000 00000 00000 00000 00000 0000 | 4.0 | | ~ | |
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| 43 DE | K | | 15 | 000000 44.0000 744.0000 744.00000 | X | | 15 | 00000000 44444444 18444444 | Ϋ́ | | 15 | 000000000000000000000000000000000000 |
| UDE | | ATION | 14 | 0000000 000000 0000000 000000000000000 | | ATION | _ | 0000000 0000000 0000000000000000000000 | | ATION | 1 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
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| X X | TY: 0 | SOLAR | 12 | 00000000 00000000 000000000 0000000000 | TY: 0 | SOLAR | 12 | 00.00 00 | TY: 0 | SOLAR | ~ | 00000000000000000000000000000000000000 |
| | ECTIVI | OURLY | 11 | 000000000000000000000000000000000000000 | ECTIVI | OURLY | 11 | 0.00 0.00 0.60 0.60 0.60 0.50 0.57 | CTIVI | OURLY | 11 | |
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| | HORIZ. | SOUT | ī | 000000000000000000000000000000000000000 | HORIZ. | SOUTH | | 00000000 | HORIZ. | SOUT | | |
| | ^ | TION: | | 00000000 | •0 | TION: | 4 | 00000000 | 0 | TION: | | 00000000 |
| | MONTH: | GRIENTA | Ţ | 2220.00 2220.00 20.00 20.00 20.00 20.00 | MONTH: | ORIENTAT | ; | 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | MONTH: | ORIENTA | | 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |

| | 0.186 | DAILY TOTAL | RADIATION | 00000000000000000000000000000000000000 | 0.182 | DAILY TOTAL | RADIATION | 4,00000000 4,000000000 | 0.181 | DAILY TOTA | RADIATION | 22111111112 2010 2010 2010 2010 2010 20 |
|---------|--------|-------------|-----------|---|--------|-------------|-----------|---|---------|------------|---------------|---|
| | KD: | | | 00000000 | KD: | | 20 | 00000000 | χ Έ | | 2 | 000000000 |
| TES | | | 19 | | | | - | | | | | 00000000 |
| MINUT | 459 | | ~ | 000000000 | 377 | | 18 | | 354 | | | 00000000 |
| s 12 | 6 | | 17 | 00000000 | | | 17 | | ó | | i | 000000000 |
| EGREE | - | | 16 | | } | | | 0000000 4000000 700000 | Ë | | 16 | 000000000000000000000000000000000000000 |
| 43 D | × | | 15 | | ¥ | ~ | 5 | | ¥ | z | 15 | 000000000000000000000000000000000000000 |
| TUDE | | IATION | 1 | 00000000000000000000000000000000000000 | | IATION | 14 | 00000000 | | IATION | 14 | 000000000000000000000000000000000000000 |
| LATI | 0.20 | R RAD | 13 | 60000000000000000000000000000000000000 | 0.2v | R RAD | 13 | 00000000 0000000 000000000000000000000 | 0.20 | R RAD | 13 | 000000000 1000000000000000000000000000 |
| X. | [TY: 1 | SOLA | 12 | 22000000000000000000000000000000000000 | ITY: (| SOLAI | - | 000000000000000000000000000000000000000 | ITY: | SOLA | ~ | 000000000000000000000000000000000000000 |
| | ECTIV. | OURLY | 11 | | ECTIV | OURLY | 11 | | ECT IV. | OURLY | 1.1 | 00000000000000000000000000000000000000 |
| | REFLI | Ĭ | _ | 00000000000000000000000000000000000000 | REFL | Ŧ | 10 | | REFL | Ŧ | - | 1000000000 |
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| Ö | - | | •• | 00.115 | 7 | | ∞ | 000000000 | m | | _ | 000000000000000000000000000000000000000 |
| ATION | 5.6 | | 7 | 000000000000000000000000000000000000000 | 80. | | ^ | 000000000 | 3.2 | | Ľ | 00000000 |
| LOCA | . H0 : | Ŧ | 9 | 00000000 | . HO: | H | 9 | | . H0: | H | 9 | 00000000 |
| | HORIZ | SOUTI | Ŋ | | HORIZ | SOUTH | 70 | | HORIZ | SOUT | Ŋ | |
| | 10 | TION: | J | | 11 | TION: | 4 | 00000000 | 12 | TION: | 4 | |
| | MONTH: | ORIENTA | i | 100 M M M M M M M M M M M M M M M M M M | MONTH: | ORIENTA | | 110.00 10.00 255.00 355.00 55.00 60.00 | MONTH: | ORIENTA | | T |

| | 183 | OTAL | ION | Less: Lomos | 183 | OTAL | ION | H04M09009 | 184 | OTAL | ION | 64-46666 |
|----------|--------|----------|--------|---|----------|----------|----------|---|--------|----------|--------|---|
| | 6 | DAILY TO | RADIAT | | 0 | DAILY TO | RADIAT | ผลตาดสุดตาด | | DAILY TO | RADIAT | พพพพพพพพพ 4 70000000 |
| | KD: | | | | X | | 20 | 00000000 | KĐ: | | 20 | |
| res | | | - | 1 00000000 | | | 19 | 0000000 | | | | 00000000 |
| MINUT | 397 | | _ | 300000000 | 504 | | 18 | 00000000 | 28 | | 18 | |
| 8 | 0 | | | 000000000 | 4.0 | | 17 | 0000000 0000000 0000000000000000000000 | 4.0 | | ~ | 000000000000000000000000000000000000000 |
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| 40 DE | K | | ~ | 00000000000000000000000000000000000000 | KT | | 15 | | KT | | 15 | 0 |
| UDE | | ATION | 14 | 00.00 00 | | ATION | ~ | 00.40 00.40 00.40 00.41 00.41 | | ATION | _ | サンノノンのかし! |
| LATIT | .20 | RADI | 13 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | .20 | RADI | 13 | 00000000000000000000000000000000000000 | .20 | RADI | _ | 1 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| Z. | 1Y: 0 | SOLAR | | 00000000 | 1Y: 0 | SOLAR | 12 | 00000000 000000000 00000000000000000 | TY: 0 | SOLAR | | 00000000 4000000000 40000000000000 |
| | CTIVI | URLY | | 1 000000000000000000000000000000000000 | CTIVI | HOURLY | 11 | | CTIVI | OURLY | - | 00000000000000000000000000000000000000 |
| <u> </u> | REFLE | 9 | | 00.224 00.327 00.335 00.335 | REFLE | H | 10 | | REFLE | H | 10 | 00.47 |
| EHURS | | | 6 | 0000000 0000000 0000000000000000000000 | | | | 00.00 00 | | | ٥ | 00.32 00.32 00.34 00.34 00.35 |
| LAK | | | | 000000000000000000000000000000000000000 | | | •0 | 00 | | | | 000000000000000000000000000000000000000 |
| LOCATION | 4.45 | | 7 | 00000000 | 6.21 | | 2 | 00000000000000000000000000000000000000 | 8.16 | | | 000000000000000000000000000000000000000 |
| 1001 | . H0: | Ξ | | 00000000 | . HO: | Ξ | • | 00000000 | : OH | Ξ | 9 | 00000000 |
| | HORIZ | SOUT | 72 | 000000000 | HORIZ. | SOUTH | 5 | 00000000 | HORIZ. | SOUTH | | 00000000 |
| | ~ | :NOI | | | 2 | ION: | | 00000000 | ~ | : NO I | | 000000000 |
| | MONTH: | ORIENTAT | ; | 11.4 0.0 0.0 22.0 33.0 40.0 60.0 60.0 | MONTH: | ORIENTAT | - | 220.00 220.00 330.00 60.00 | MONTH: | ORIENTAT | | 11[4 10.9 220.00 30.00 40.00 60.00 |

| | 0.186 | DAILY TOTAL | RADIATION | 4.60 | ~~ | 0.0 | W.O. | 6 8 8 | , | DAILY TOTAL | RADIATION | 5.27 | | V-40 | 0.187 | DAILY TOTAL | RADIATION | NNNNNN444 ••••••••••••••••••••••••••••• |
|---------|----------|-------------|-----------|------|-----------|-------|-------|-------------|----------|-------------|-----------|------|-----------------|--------------|----------|-------------|-----------|---|
| | ΚĎ | | 20 | 000 | | | | 5 | 2 | | 2 | 0000 | | | χĐ | | ~ | 00000000 |
| ES | | | 19 | 000 | | | | | | | 19 | | | 000 | | | 19 | 600000000000000000000000000000000000000 |
| MINUT | 156 | | — | 0.00 | 900 | 0.0 | 0.0 | 77 | • | | | | | | 178 | | 18 | |
| 2 | 4.0 | | 17 | | !!! | 7.7 | 7.7 | • | • | | 17 | | 4 | | 4.0 | | 17 | |
| EGREES | <u>:</u> | | 16 | 0.30 | i m m | 17 N | 144 | <u>.</u> | <u>.</u> | | 16 | 9000 | יו ניי נ | 1000 | <u>:</u> | | _ | 00000000000000000000000000000000000000 |
| 40 DE | X | | 15 | 0.42 | 44 | 4.4 | 410 | 5 | | _ | 15 | | | 440 | 2 | _ | 15 | 000000 000000 000000000000000000000000 |
| JON. | | ATION | 74 | 0.50 | نمنم | יט יט | 44 | | | ATION | 14 | 1 | ن بن بر | نتنعغ | | ATION | 14 | |
| LATII | 0.20 | RADI | 13 | | . 4. 4 | יט יט | نبنين | | j | R RADI | 5 | | 9 | S. R. Taylor | 0.20 | RADI | 13 | |
| 3 | ITY: (| SOLAR | 12 | 60.5 | | 9.9 | 7.5 | } | - | SOLAR | 12 | | . 4 | 5.6.6.6. | 17: (| SOLAR | | 00000000000000000000000000000000000000 |
| | ECTIV] | OURLY | 11 | | . 4. 4. | n, n | نىن | FOT TO 3 | - | OURLY | 11 | 000 | 6.6.4 | نينين | ECTIVI | OURLY | 11 | |
| 10 | REFLI | Ĭ | 10 | 0.00 | نتن | 7. 1 | 44 | 1 | - | Ξ | 10 | 0.55 | יי ייי | ن من من | REFLE | Ĭ | 10 | 00000000000000000000000000000000000000 |
| AKEHURS | | | 6 | 0.42 | 4 | 44 | 4 W | | | | 6 | 0.47 | 7 4 4 | 444 | | | ٥ | 000000 00000 00000 00000 00000 00000 |
| LAI | •• | | •0 | 0.30 | . | س ر | 100 | a | 3 | | | 0.35 | י אי א | in wa | 2 | | €0 | 800000000 8000000000000000000000000000 |
| OCATION | 10.0 | | 7 | 0.18 | | 7. | | - | J • | | 7 | 0.00 | . . | !!!!! | 11.7 | | ~ | 00000000000000000000000000000000000000 |
| 707 | . HO: | T.H. | | 0.00 | | 0.0 | 0.0 | 9 | 2 | TH. | 9 | 0.00 | | | H | 1 | | 0.00 |
| | HORIZ | SOUT | | 000 | | • | | 71901 | 7100 | SOUT | 5 | | | | HORIZ | SOUTH | ۲O | 0.0000000000000000000000000000000000000 |
| | 4 | TION: | 4 | 000 | | • | | u | 1 | TON: | | 0000 | | | • | TION: | | 00000000 |
| | MONTH: | ORIENTATI | ; | 0.00 | | 0.0 | 0.0 | 2 2 2 | - | ORIENTA | | -000 |) O C | | MONTH: | ORIENTA | | 111- 10.00 250.00 350.00 40.00 60.00 |

| | 0.187 | DAILY TOTAL | RADIATION | * | | ₩. | Ņ | ۲. | e. (| φ. | * | ٥. | 0.187 | DAILY TOTAL | RADIATION | | 4 K | 9 | 0 | . ° | •0 | ñί | 7 | 0.187 | DAILY TOTAL | RADIATION | | 3.97 | | 'n | 'n | 9. | . יי | 7 |
|--------|----------|-------------|-----------|-------|--------------|------|-----|----------|-------------|------|----------|-----|--------|-------------|-----------|-------|----------------|----------|------|-----------|------------|------|----------|----------|-------------|-----------|---------|------|-----------|------|-------------|-------------|--------------|-------|
| | KD: | | 20 | l | | • | ٠ | ٠ | ٠ | ٠ | ٠ | • | KD: | | 20 | 1 | 0 0 | | • | ٠ | | • | • | X Ö | | 20 | 1 | e c | • | • | ٠ | ٠ | | |
| ES | | | 19 | 9 | 70.0 | 0 | 0 | 0 | 0 | Θ. | • | ₽. | | | 19 | ì | 00 | ٠, | • | • | | • | • | | | | 1 | 0.0 | • | • | • | ٠ | | • • |
| MINUT | 9/ | | 18 | 1 - | 60.0 | ٥. | 0 | c | 9 | 9 | 0 | Θ. | 83 | | 18 | į | 9.0 | | 0 | ٥. د | | 0. | ٥. | 60 | | | 1 | 90.0 | . = | 0 | 0 | e, 6 | 5 F. | 9 |
| ~ | 9.0 | | 17 | 1 6 | 0.23 | 2 | N | ٦. | 7 | ٦. | 7 | ~: | 4.0 | | 17 | 1 | | - | 7 | ٦,- | • | | Ξ. | 4.0 | | 17 | | 01.0 | • | 7 | _ | <u>~</u> ; | 7. | : =: |
| GREES | | | 16 | 1 " | 97.00 | 7 | 100 | M) | m) | ٠. | N | ú | | | 16 | 1 | 32 |) M | m | M. H | 3 117 | Ň | ķ | | | 16 | 1 1 | 24 | ,,, | .27 | . 23 | 82. | 200 | .26 |
| 40 DE | KT | | 15 | 1 4 7 | 9 9 | 48 | 47 | 46 | .45 | 44. | .40 | 9. | X | | 15 | 1 1 1 | 4 4 4 4 | 9 | 46 | \$. 9. | 1 4 | 45 | 80 | KT | | 3.5 | | 24 | , c | .42 | .43 | 43 | , ¢ | . 4.0 |
| TUDE | | ATION | 14 | 1 1 | ٥ ۸ | 57 | .57 | . 56 | .55 | .54 | . 50 | .45 | | ATION | - | 1 | 7. 7. 7. 7. | , L | 5. | 95. | | 100 | 8 | | ATION | 14 | 1 | 47 | א כ | | . 54 | | U n | 51. |
| ATITE | .20 | RADI | 13 | 10 | 29.0 | 9 | .63 | .63 | .61 | 9. | . 56 | .51 | .20 | RADI | 13 | 1 | 20 |) W | .63 | .63 | 29 | 53 | .55 | .20 | RADI | 33 | 1 (| 53 | , 6 | . 61 | - 62 | 3. | 70.5 | 285 |
| - - | IY: 0 | SOLAR | 12 | | գ Մ | 99 | .65 | . 65 | . 64 | . 62 | ارد ا | .53 | TY: 0 | SOLAR | 12 | 1 | [9 | . 4 | 99. | 99. | 0.4 | .61 | .57 | 1Y: 0 | SOLAR | 22 | ; | 55 | , , | . 4 | .64 | 59 . | \$ K | . 60 |
| | CTIVI | OURLY | _ | 1 6 | 26.0 | 4 | .63 | . 63 | . 61 | 9. | .55 | .51 | CTIVI | OURLY | 11 | | 59 | , 0 K | .63 | .63 | 3.0 | 9.60 | ٠. ب | IVIT | DURLY | | ì | 53 | , , | . 62 | . 62 | 62 | 79. | 1 80 |
| - | REFLECTI | НО | 7 0 | ! ' | 0 C | י ני | 5 | ι, | ٦, | 5 | 'n | 4. | REFLE | 유 | 10 | Ė | 0.53 | , r | 'n | ι. | jv | נש ל | 4 | REFLEC | H | | 1 1 | 0.47 | J. R | ij | Š | 'n | ÿĸ | ואוי |
| EHURS | | | v | ! | 2 K | • | • | 4 | 4 | ₹. | 4 | ω, | | | 0 | | 44.0 | r d | * | 4, | • | 4 | ĸ. | | | σ | , , , | ~ 0 |) c | . 42 | . 43 | .63 | . t. | 4.0 |
| LAK | | | •0 | 1 | 3.56 | | ٠., | M | ~ | ۳. | ς. | ۲. | | | •0 | | 0.32 | | . r. | M) P | ? ٣ | . 0 | ۲. | | | × | i | 24 | 200 | .27 | . 28 | 23 | 28 | .56 |
| 1 I CN | 11.27 | | ~ | 1 | 0.53 0.73 | | ici | 7 | 7 | ٦. | ~ | 7 | 10.00 | | ^ | 1 | 9.19 | | :~: | ٠, | ∹ ~ | : –: | ~. | 8.12 | | 7 | | 0.10 | | : -: | - -1 | 7 | ~ <u>;</u> ~ | 7.7 |
| LOCA | :0H | 1 | 9 | - | 3 6 | · e | 0 | 0 | Õ | 0 | 0 | 0 | H0: | r | 9 | 1 | 0.05 | | . 0 | 0. |) C | | 0. | : H0: | I | 4 | | | , c | | ٥. | 0 | 0,0 | ? 0 |
| | HORIZ. | SOUT | Ŋ | 1 | 0.0 | | | 0 | 0 | 0 | 0 | Θ. | HORIZ. | SOUTH | ĸ | 1 | 0.0 | ٠ | | ٠ | ٠ | | • | HORIZ. | SOUT | ır | , | 0.0 | ٠ | | • | • | • | |
| | ~ I | : NOI | | 1 | o c | • | | | | • | • | • | €0 | : NOI | | | 6.0 | • | | ٠ | • | | • | • | : NGI | ٥ | | 0.0 | ٠ | | | | | |
| | MONTH: | ORIENTAT | : | _ | 0.c | | | 0 | 5.0 | 0.0 | 0.0 | 0 | MONTH: | ORIENTAT | | | 0.0 | | .0 | 0.0 |) (| | 0.0 | . HINO? | IENTAT | | *** | 0.0 | ٠. د د | 5.0 | 0.0 | 5.0 | 000 | |

| | 0.188 | DAILY TOTAL | RADIATION | NUNUNA444 04/80001111 11/1480/NSN | 0.185 | DAILY TOTAL | RADIATION | | 0.183 | DAILY TOTAL | RADIATION | 222322029 6610222220 6610232 |
|----------|--------|-------------|-----------|--|--------|-------------|-----------|--|--------|-------------|-----------|--|
| | KD: | | 20 | | KD: | | 20 | 00000000 | KD: | | 20 | 00000000 |
| TES | | | | | | | 19 | 99999999 | | | 19 | 000000000 |
| MINUT | 493 | | _ | 100000000 | 555 | | 18 | | 397 | | 18 | 000000000 |
| s 2 | | | 17 | | | | | | | | 17 | |
| EGREE | Ë | | 16 | 2222222 | ÷ | | 16 | | Ë | | 16 | 000000000000000000000000000000000000000 |
| 40 DE | Z | _ | 15 | 00000000 0000000 000000000000000000000 | Ξ | - | 15 | 0.25 0.25 0.25 0.29 0.39 31 | ¥ | ~ | ~ | 00000000000000000000000000000000000000 |
| ITUDE | | ATION | 14 | | | ATION | _ | 0.26 0.33 0.33 0.40 0.40 0.40 0.40 0.40 | | ATION | ~ | 000000000000000000000000000000000000000 |
| LATIT | .20 | RADI | 13 | | 1.20 | RADI | 13 | 00.30 00.30 00.44 00.44 00.54 00.50 00.00 | 1.20 | RADI | 13 | 00000000 00000000 0000000000 000000000 |
| 2 | TY: 0 | SOLAR | 12 | 0000000 000000000000000000000000000000 | TY: 0 | SGLAR | _ | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | TY: 0 | SOLAR | | 00.00 00 |
| | CTIVI | OURLY | 11 | | CTIVI | OURLY | 11 | 00000000000000000000000000000000000000 | ECTIVI | OURLY | 11 | 00000000000000000000000000000000000000 |
| <u> </u> | REFLE | × | 10 | 20000000000000000000000000000000000000 | REFLE | ¥ | ~ | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | REFLE | ¥ | 10 | 000000000000000000000000000000000000000 |
| EHURS | | | 6 | 00000000 00000000000000000000000000000 | | | 6 | 0.22 0.22 0.22 0.23 0.23 0.31 | | | 6 | 000000000000000000000000000000000000000 |
| LAK | | | •0 | 222222222222222222222222222222222222222 | | | •0 | 0.00 0.00 0.11 0.11 0.12 0.13 0.13 | | | •0 | 0.0000000000000000000000000000000000000 |
| DCATION | 6.11 | | ^ | 00000000 | 4.41 | | | 00000000 | 3.78 | | | 000000000 |
| 7007 | . но: | Ŧ | | 0.000000 0.000000 | . HO: | TH. | 9 | | . HO: | Ŧ | 9 | 00000000 |
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| | MONTH: | ORIENTA | ; | 7117 10.00 20.00 20.00 35.00 60.00 60.00 | MONTH: | ORIENTA | į | 220.00 320.00 320.00 60.00 60.00 | MONTH: | GRIENTA | ; | 7111 0.0 10.0 20.00 30.00 35.00 50.00 |

| | 0.183 | DAILY TOTAL | RADIATION | | 0.183 | DAILY TOTAL | RADIATION | 00000000000000000000000000000000000000 | 0.185 | DAILY TOTAL | RADIATION | WWWW&&&WW \$1,00,000 \$4082480 |
|----------|-----------|-------------|-----------|---|--------|-------------|-----------|---|--------|-------------|-----------|--|
| | KD: | | 20 | 00000000 | KD: | | 20 | 999999999 | KD: | | 20 | |
| TES | | | 13 | 000000000 | | | 19 | 00000000 | | | 19 | |
| MINUTE | 401 | | 18 | 000000000 | 601 | | | 000000000 | 432 | | 38 | |
| 42 | 0. | | | 00000000 | 9.0 | | ~ | | 7. | | 17 | 00000000 |
| GREES | •• | | 16 | 00.000000000000000000000000000000000000 | •• | | Ä | 000000000000000000000000000000000000000 | •• | | 16 | |
| 40 DE | K | | 15 | 00.22 | K | | | 00000000000000000000000000000000000000 | KT | | 15 | |
| UDE | | ATION | - | 0 . 32 0 . 34 0 . 35 0 . 35 0 . 35 | | ATION | 14 | 000000000000000000000000000000000000000 | | ATION | 14 | |
| LATIT | .20 | RADI | 13 | | .20 | RADI | 13 | 00.40 | .20 | RADI | 13 | |
| 2 | 1Y: 0 | SOLAR | 12 | | 1Y: 0 | SOLAR | 12 | 00.50 | 1Y: 0 | SOLAR | 12 | ************************************** |
| | \vdash | OURLY | 11 | WWWW4444 | ECTIVI | OURLY | 11 | 1 004 10 0 1 1 1 1 1 | ECTIVI | OURLY | 11 | ֏ ԾԾԾԾԾԾԾԾ Ք ԾԾԾԾգ գ ԳԾ |
| | REFLECTIV | HO | 0 | 00.000 | REFLE | HO | 10 | 00000000000000000000000000000000000000 | REFLE | H | 10 | 000000 4444444 744444 744444 |
| EWARK | | | 0 | 00.22 | | | Φ. | 00.23 | | | • | 0.35 0.35 0.35 0.37 0.37 0.35 0.37 |
| NEE | | | 80 | 00.00 | | | * | 10000000000000000000000000000000000000 | | | 40 | 00000000 00000000000000000000000000000 |
| LION | 4.33 | | | 00000000 | 6.11 | | ~ | 00000000 | 8.08 | | ~ | |
| LOCATION | H0: | I | | 00000000 | H0: | x | | | H0: | × | | |
| | HORIZ. | SOUT | | | HORIZ. | SOUT | ĸ | | HORIZ. | SOUT | 'n | |
| | Ŧ | : NO: | | | ۲ ۲ | : NO. | | | E M | : NO | | |
| | MONTH: | ORIENTATI | ; | 7117 10.00 220.00 325.00 45.00 60.00 | MONTH: | ORIENTATI | i | TILT 0.0 20.00 35.00 40.00 60.00 | MONTH: | ORIENTATI | ; | 110.00 220.00 325.00 335.00 50.00 60.00 |

| | 0.186 | ILY TOTAL | ADIATION | 4444444 0.55777 0.858 0.858 0.858 0.858 | 0.187 | ILY TOTAL | ADIATION | NNNNNN444 NNNNH-1-0440 NV-1-4-1-0-1-0-1-0-1-0-1-0-1-0-1-0-1-0-1-0 | 0.187 | ILY TOTA | ADIATION | พพพพพพพ ช่อนจะ ช่อนจะ ช่อนพพช |
|----------|--------|-----------|----------|--|--------|-----------|-----------------|--|--------|----------|----------|---|
| | ΚĐ: | DAI | <u>a</u> | 1 | ë | Ā | X | | KD: | PA | a | |
| | * | | | | ¥ | | | | ** | | 20 | |
| ES | | | 19 | | | | 19 | | | | 19 | 000000000 |
| MINUTES | 55 | | 18 | | 72 | | 13 | 00000000000000000000000000000000000000 | 83 | | 18 | 2000000 2000000 200000000 |
| 62 | 9.0 | | 17 | 877799557 | 9.6 | | 17 | 22. 22. 22. 23. 24. 25. 26. 27. 27. 27. 27. 27. 27. 27. 27. 27. 27 | 9.0 | | 17 | 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |
| REES | | | 16 | | | | i | 00000000000000000000000000000000000000 | | | 16 | |
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| ITUDE | | ADIAT | - | 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | DIAT | ; -1 | | | DIAT | 7 | WWW4WW00H |
| LAT | 0.20 | o∠ o∠ | - | 100000000 | 0.20 | RRA | 13 | 00000000 | 0.20 | RRA | ~ | 00000000 |
| Ž | ITY: | SOLA | 12 | | ITY: | SOLA | ~ | 0000000 000000000 000000000000000 | ITY: | SOLA | 12 | 20000000000000000000000000000000000000 |
| | ECTIV | HOURLY | 11 | DDDDDDDDDD | ECTIVI | OURLY | 11 | | CTIV | OURLY | [] | 00000000000000000000000000000000000000 |
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| X X | - | | | 1 4444444 | | | 6 | +4444444 +4444444 | | | • | 100081-9448 100081-9410 |
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| NO | . 03 | | | 187779273 187779273 187779273 1877797 1877 | 27 | | 1~ | 00000000 00000000000000000000000000000 | .72 | | | 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |
| LOCATION | 10 | | | | : 11 | | | 45.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | : 11 | | _ | M4000000 |
| 51 | . HO | JTH | | 1 000000000 | Z. H0 | JTH | | | Z. HO | JTH | | |
| | HORIZ | SOUTI | s. | | HORI | SOUT | 'n | | HORIZ | Sou | | 00000000 |
| | J | ION: | | 00000000 | Ŋ | ION: | 4 | 00000000 | و، | ION: | | 00000000 |
| | MONTH: | ORIENTAT | | 71[1 0.0 10.0 20.0 30.00 35.00 56.00 60.00 | MONTH: | ORIENTAT | | 40.00 40.00 40.00 60.00 60.00 60.00 | MONTH: | ORIENTAT | | 41[4 200.00 300.00 500.00 600.00 |

| | 0.188 | DAILY TOTAL | RADIATION | 5.55 | ni a | | Ņ | • | N | 0.188 | DAILY TOTAL | RADIATION | 6. | 77 | 7 | ~: € | • | 4.70 4.34 | 0.188 | DAILY TOTAL | RADIATION | 44444444 04464444 14464444 14464444 |
|----------|-----------|-------------|-----------|-------------------|-------------|---------------------------------------|------------|------------|---|------------|-------------|-----------|------|----------------|------|----------|----------------------|--------------------|--------|-------------|-----------|--|
| | KD: | | 20 | 00 | • | • • | ٠ | ٠ | • • | KD: | | | | • | • • | ٠ | | 00 | Š | | | |
| ES | | | • | 0.0 | e | | P. 9 | , c | | | | - | | • | • • | • | • • | 0.0 | | | , | 00000000 |
| RINUTE | 93 | | 18 | | 0 = | 0 | ۰. | ? C | | 95 | | 18 | 10: | <u> </u> | . 0 | . · | 9 | 0.03 | 66 | | | |
| 42 1 | 9.0 | | 17 | .23 | 25 | 20. | 67. | 97. | 13 | • | | 17 | .19 | 2 | 13 | .17 | 97. | *i: | 4.0 | | 11 | |
| REES | | | 16 | 1 | 98. | 3.5 | ٠. د د | | .28 | | | 16 | .32 | | | .32 | 35. | .29 | | | ~~ | |
| 0 DEG | KT: | | 5 | .50 0 | ٠ و ه | . 43 | .47 | ٠, د د | N 40 | X :: | | 15 | .45 | 46 7 | 43 | .47 | . 4. 5 10 | 2 0 0 v | KT: | | | |
| DE 4 | | TION | 14 | | | 58 | 5 | 9 6 | 4.5 | | T10N | • | 54 | - - - | , es | 53 | . 20 . 20 . 20 | 50.00 | | TION | | |
| ATITUDE | 20 | RADIA | 13 | | 99 | 65 | ٠ و د | 200 | 537 | 20 | RADIA | 13 | 0.9 | 6 6 5 5 | 9 | 65 | 0 0 0 0 | 61 0 | 5.0 | RADIA | 13 | |
| _ | . 0 | OLAR | 12 | | 60 K | 67 | 99 | ٥ - د د | 295 | ۲: 0. | OLAR | 12 | 62 | \$ 6 5 7 | 67 | 67 | 99 | 16.0 0.0 0.0 | . 0 | OLAR | 12 | |
| z | IVITY | S | | 64 0 | \$ \$ Y | 9 20 | 5 9 | 7 C | N N | FLECTIVITY | S | | 0 09 | 6 6 5 6 | 9 0 | 59 | 2 M | 61 0 | IVITY | ر ۲≺ | _ | |
| | EFLECTIVI | HOURLY | 0 | 5800 | 6000 | 580 | 57 0 | 26 G | 2 C C C C C C C C C C C C C C C C C C C | FLECT | HOURLY | • | 54 0 | 57 0 | 5 KO | 58 0 | 56.0 | 500 | FLECTI | HOUR | 0 | 1 4 10 10 10 10 10 10 10 10 10 10 10 10 10 |
| ₩ | 2 | | _ | 49 0. 50 0. | 00 | • • • • • • • • • • • • • • • • • • • | 6 | ر ا |) () | 8 4 | | _ | 5 0 | 91 | , r | 0 0 | 0 io | 4000 | RE | | 9 1 | 100000000 |
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| | .26 | | Ť | 24 0. | 0 0 0 | | 9 0 | 5 10 v | o m | 96. | | | 9 0. | | | 0 | | 14 0 | .05 | | | |
| LOCATION | : 11 | | | 0.00 | | | 9.0 | υ | ν ιν | • | | | 5 0. | | | ر د ج | | , o o | •• | | | |
| 3 | Z. HO | ОПТН | | 1001 | | | 100 | | | IZ. HO | SOUTH | • | 9 | <u> </u> | | 0 | - | 00 | 7. HO | SOUTH | | |
| | HORIZ | 20 | | 0.0 | | . 0 | 6 | | | HORI | 80 | | 6 | . | | | o | 000 | HORI | 80 | ν. | |
| | 1 | TION: | | 00 | • | | • | - | • -• | •• | TION: | * | | • | ٠. | • | • | 00 | • | TION: | | 00000000 |
| | MONTH: | ORIENTA | ; | 11. 0.0 0.0 | 0.0 | 0.0 | 5.0 | 0.0 | | MONTH: | ORIENTA | | 11.7 | 0.0 | . v | 0.0 | V | 50.00 | MONTH: | ORIENTA | | 71[7 20.00 20.00 315.00 35.00 55.00 |

| | 188 | TOTAL | N O | | 35 | TOTAL | × | | 83 | TOTAL | ≥ | |
|-------------|-------------|-------------|------------|---|--------------|---------|---------------|--|----------|---------|------------|--|
| | 0.12 | > | DIATI | 245 84 84 84 84 84 84 84 84 84 84 84 84 84 | 6.3 | > | IAI | 33.02.02.03 33.02.02.03 33.03.03 33.03.03 33.03.03 33.03.03 | 0.1 | > | IATI | 22.22.22.23.23.23.23.23.23.23.23.23.23.2 |
| | | DAIL | RAD | | | DAIL | RAD | | | DAIL | RAD | |
| | KD: | | ⊘ ! | 00000000 | KD: | | 20 | 00000000 | ΚĎ | | (V) | 000000000 |
| TES | | | 1 | 800000000 | | | 19 | | | | - | 00000000 |
| HINUT | 665 | | | 00000000 | 437 | | | 00000000 | 391 | | | 00000000 |
| s 42 | • | | | 1 000000000000000000000000000000000000 | 6 | | 17 | 00000000 | 6 | | - | 000000000 |
| DEGREE | | | 16 | 000000000000000000000000000000000000000 | : | | 97 | | :- | | 16 | 00000000 |
| 40 D | × | z | - | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | × | z | 15 | 00000000000000000000000000000000000000 | ¥ | z | 15 | |
| TUDE | | IATIO | 14 | 00000000000000000000000000000000000000 | | IATIO | 14 | · | | IATIO | 14 | 0000000 000000 0000000 0000000 |
| LATI | 0.20 | R RAD | 13 | 40000000000000000000000000000000000000 | 0.20 | RRAD | $\overline{}$ | เพพงงงงงงง | 0.20 | READ | 13 | 000000000 000000000 000000000000000000 |
| Z | ITY: | SOLA | C | 00000000 4500000000 45000000000000000000000000000000000000 | ITY: | SOLA | | | ITY: | SOLA | 12 | 00000000 Numun 444 Numun 4444 |
| | ECTIV | OURLY | 11 | 60000000000000000000000000000000000000 | ECTIV | OURLY | 7 | DOUDODOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO | ECTIV | OURLY | 11 | |
| | REFL | Ĩ | 10 | 00000000 10444100000 10444000000000000000000000000000000000 | REFL | Ī | | 000000000 00000000 0000000000000000000 | REFL | Ĭ | 10 | 00000000 00000000000000000000000000000 |
| EWARK | | | 0 | 00000000 00000000 000000000000000 | | | ٥, | 000000000 0000000000000000000000000000 | | | σ | |
| KE | | | €0 | 0.020.00 | | | | 000000000000000000000000000000000000000 | s | | | 00000000000000000000000000000000000000 |
| OCATION | 6.0 | | ~ | 100000000000000000000000000000000000000 | 6.3 | | | | 3.6 | | | |
| 201 | . HO.: | H | - | 00000000 | H0: | Ŧ | | 00000000 | . HO: | Ŧ | | |
| | HORIZ | SOUT | | 000000000 | HORIZ | SOUT | | | HORIZ | SOUT | | |
| | 10 | 110N: | | 000000000 | 11 | 1 10N: | | 00000000 | 12 | TION: | ¥ | 00000000 |
| | MONTH: | ORIENTA | : | 115.00 225.00 325.00 45.00 50.00 | MONTH: | ORIENTA | 1 | 20000000000000000000000000000000000000 | MONTH: | ORIENTA | į | 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 |

| | 0.173 | DAILY TOTAL | RADIATION | 88444488 68887466 68887474 | 0.172 | DAILY TOTAL | RADIATION | ************************************** | 0.164 | DAILY TOTAL | RADIATION | N 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 |
|-----------|--------|-------------|-----------|---|----------|-------------|------------|--|------------|-------------|-----------|---|
| | KD: | | | 00000000 | ΧĎ | | 29 | | χĐ | | | 00000000 |
| TES | | | 19 | 000000000 | | | 19 | 00000000 | | | 19 | 00000000 |
| MINUTES | 605 | | 18 | 000000000 | 608 | | 18 | 000000000 | 639 | | 18 | |
| m | - | | 17 | | 6 | | 17 | | - | | ~4 | 488999999 |
| DEGREES | •• | | 16 | 22.22.22.22.22.22.22.22.22.22.22.22.22. | :- | | 16 | | <u>:</u> : | | 16 | 00000000 00000000000000000000000000000 |
| 35 DE | X | _ | | 80000000000000000000000000000000000000 | X | _ | 15 | 00000000 W44WWWWWW WWWOMWAAW | Ξ | _ | 15 | |
| JOE. | | ATION | 14 | | | ATION | 14 | | | ATION | 14 | 00.75 |
| LATITUDE | .20 | RADI | ~ | 00.000 | 1.20 | RADI | 13 | | .20 | RADI | | 200000000 2000000000 2000000000 20000000 |
| ž | TY: 0 | SOLAR | _ | 1 00000000 1 00000000 1 000000000000000 | TY: 0 | SOLAR | 12 | 417.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 | TY: 0 | SOLAR | _ | 7.000000000000000000000000000000000000 |
| | CTIVI | HOURLY | 11 | | ECTIVI | HOURLY | 11 | | CTIVI | HOURLY | ~ | 4049999 |
| 30E | REFLEC | Ħ | 10 | | REFLE | ¥ | 10 | 800000000 8000000000000000000000000000 | REFLECTI | Ŧ | 0 | 000000000000000000000000000000000000000 |
| BUQUERQUE | | | | 000000 000000 0000000 0000000000000000 | | | • | 0000000000 W.A.A.R.W.W.W.W.W.W.W.W.W.W.W.W.W.W.W.W. | | | | |
| ALB | _ | | •• | 0000000 110000000 10000000000000000000 | | | • | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | 100000000 1000000000 10000000000000000 |
| LOCATION | 5.29 | | ^ | 00000000 | 96.9 | | ^ | 0000000 0000000 0000000 | 8.72 | | | 400000000 |
| 1007 | . HO: | = | | 00000000 | 9 | Ξ | • | 00000000 | . HO: | Ŧ | | |
| | HOR1Z. | SOUTI | | 000000000 | HORIZ. | SOUT | 1 0 | 60000000 | HORIZ. | SOUTH | 'n | 000000000 |
| | _ | ION: | | 600000000 | ~ | ION: | * | 00000000 | n | ION: | | 00000000 |
| | MONTH: | ORIENTAT | i | 7 L L L L L L L L L L L L L L L L L L L | MONTH: | ORIENTAT | | 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 | MONTH: | ORIENTAT | | 7 I I I I I I I I I I I I I I I I I I I |

| | 0.154 | DAILY TOTAL | RADIATION | 7.03 7.25 7.25 7.16 7.16 6.82 5.42 | 0.146 | DAILY TOTAL | RADIATION | 88.00 8.01 7.00 7.00 6.09 7.00 7.00 7.00 | 0.137 | DAILY TOTAL | RADIATION | \$888 4.85 5.00 5.00 5.00 5.00 5.00 5.00 5.00 5 |
|-------|-------------|-------------|-----------|--|------------|-------------|-----------|--|--------|-------------|-----------|--|
| | ă | | 20 | 00000000 | ξĎ: | | 20 | 00000000 | KD: | | 20 | |
| ES | | | | 00000000 | | | 1.9 | 00000000 | | | 19 | |
| MINUT | 2.9 | | 18 | 0000000 0000000 0000000000000000000000 | 707 | | <u>ب</u> | 0.11 0.05 0.06 0.06 0.06 0.06 0.06 | 125 | | ~ | 0.000 |
| M | .20 KT: 0.6 | RADIATION | 17 | 1 000000000000000000000000000000000000 | . 0.7 | RADIATION | 17 | 00.228 | . 0.7 | | | 000000000000000000000000000000000000000 |
| GREES | | | 16 | 1 00000000 1 4444444 1 0000000 | | | | 00.53 00.53 00.45 00.45 00.45 00.45 00.45 | | | 16 | 0000000 1 |
| 35 DE | | | ~ | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | X | | | 0.72 0.72 0.71 0.68 0.66 0.57 0.57 | K | | 15 | 00.75 00.73 00.69 00.69 00.54 00.54 |
| UDE | | | 14 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | .20 | | 14 | | | ATION | 14 | 00.000 |
| LATIT | | | 13 | 00000000000000000000000000000000000000 | | | 13 | 0.99 0.99 0.99 0.99 0.99 0.90 74 | .20 | RADI | 13 | |
| E N | TY: 0 | SOLAR | _ | 00.997 | TY: 0 | SOLAR | 12 | 1.01 1.01 1.01 0.98 0.96 0.96 0.77 | TY: 0 | SOLAR | | 11.02 11.02 11.03 1.00 0.97 0.86 |
| | CTIVI | URLY | 11 | | CTIVI | URLY | | 00.98 00.99 00.99 00.93 00.83 00.83 00.83 | CTIVI | URLY | 11 | |
| QUE | REFLE | Н | 10 | | REFLE | 유 | 10 | 88.00 80 80 80 80 80 80 80 80 80 80 80 80 8 | REFLE | 유 | 10 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 |
| UQUER | | | Φ, | 20000000000000000000000000000000000000 | | | Φ. | 0.72 0.72 0.72 0.68 0.66 0.65 0.57 | | | 0 | 0.57 0.69 0.67 0.67 0.67 |
| ALB | 10.35 | | 80 | 00000000000000000000000000000000000000 | ٨, | | 90 | 0.55 0.55 0.449 0.457 0.37 0.37 | 11.65 | | ∞ | 0.52 0.52 0.52 0.52 0.53 0.54 0.37 |
| NOIL | | | 7 | 000000000000000000000000000000000000000 | 11.32 | | 7 | 0.32 0.23 0.24 0.23 0.23 0.15 0.15 | | | 1 | 0.23 0.23 0.23 0.14 0.11 |
| LOCAT | H0: | × | • | 00000000 00000000 000000000 | HORIZ. HO: | SOUTH | • | 0.00 | H0: | æ | | 00.00 |
| | HORIZ. | SOUT | ĸ | 00000000 | | | | 000000000 | HORIZ. | SOUT | Ŋ | 00000000 |
| | 4 | :NOI. | | 00000000 | 2 | : NOI | | 00000000 | 9 | TION: | | 00000000 |
| | MONTH: | ORIENTAT | | 11LT 0.0 10.00 20.00 35.00 55.00 60.00 | MONTH: | ORIENTAT | í | 66000000000000000000000000000000000000 | :HINGK | ORIENTAI | | 71[7 10.0 10.0 20.0 35.0 30.0 50.0 60.0 60.0 60.0 60.0 |

| | 0.150 | DATLY TOTAL | RADIATION | 566777777 56677777777777777777777777777 | 0.148 | DAILY TOTAL | RADIATION | 56 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 | 0.141 | DAILY TOTAL | RADIATION | 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 |
|----------|--------|-------------|-----------|--|-----------|-------------|-----------|---|-------------|-------------|------------|---|
| | KD: | | 20 | 000000000 | ΚĎ | | 20 | 00000000 | KĐ: | | | 000000000 |
| ES | | | - | 00000000 | | | ~ | 000000000 | | | | 00000000 |
| MINUTE | 56 | | S | 00000000 0000000 100000000 10000000 | 03 | | 73 | 000000000 | 17 | | | |
| m | 9.0 | | 1 | 2502554000 250256700 | 0.7 | | 17 | 4190103453 4190103453 | 0.7 | | 17 | 000000000000000000000000000000000000000 |
| REES | | | 16 | 010444444 010864001 | | | 91 | 74444444444444444444444444444444444444 | | | 16 | m444444 |
| 5 DEGR | X T : | | 15 | | ΚT | | 15 | | XT. | | 15 | 804664 |
| UDE 3 | | TION | 14 | | | LION | 14 | | | TION | 14 | 1 / 8 8 8 8 8 8 8 8 8 7 7 8 8 8 7 8 8 8 8 |
| ATITU | 20 | RADIA | 13 | | 20 | RADIA | | | 20 | RADIA | 13 | |
| - E | ۲: o. | CLAR | | | ۲: o. | OLAR | | 4000000000000000000000000000000000000 | ۲: ۵. | OLAR | | # # # # # # # # # # # # # # # # # # # |
| Z | TIVITY | PLY S | | | TIVIT | S K18 | 11 | | TIVITY | 8 1.1 S | 7 | 000000000 4110000000 4110000000 |
| Ħ | EFLEC | ПОН | | | EFLEC | HOU | 0 | #################################### | EFLEC | HOUR | C 1 | 7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |
| UEROU | æ | | | 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 | Ŏ. | | | ବ୍ୟବ୍ୟବ୍ୟବ୍ୟବ୍ୟ ବ୍ୟବ୍ୟବ୍ୟବ୍ୟବ୍ୟ ପ୍ରତ୍ତ୍ରପ୍ରତ୍ତ୍ର | ã. | | | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| ALBUG | | | 80 | 334468 34468 34768 3476 3476 3476 3476 3476 3476 3476 3476 | | | •0 | 84444444444444444444444444444444444444 | | | | 1 |
| X. | .30 | | | 222 0 0 | .27 | | | 2255 2255 2255 2255 225 235 235 235 235 | .67 | | | |
| LOCATION |): 11 | | | 00000000000000000000000000000000000000 | 0: 10 | | | NANMHUNUN | ŋ: % | | | |
| <u>~</u> | Z. H0 | UTH | • | | Z. H(| UTH | _ | 00000000 | Z. H | บาห | | 00000000 |
| | HORI | SOIL | Ś | 000000000 | HORI | 300 | r, | | HORI | Sou | | 000000000 |
| | 7 | TION: | 4 | | 40 | TION: | J | 000000000 | œ | 1 I ON: | | |
| | MONTH: | ORIEHTAI | | 71[1 20.00 20.00 30.00 35.00 60.00 60.00 | MONTH: | ORIENTAL | | 41 | RONTH: | ORIENTAL | | 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |

| | 0.143 | DAILY TOTAL | RADIATION | 4 α | 0.154 | DAILY TOTAL | RADIATION | 844888894 686889 78869 78869 | 0.166 | DAILY TOTAL | RADIATION | 01444441111111111111111111111111111111 |
|-------|--------|-------------|------------|---|----------|-------------|---------------|---|----------|-------------|------------|--|
| | KD: | | N : | 00000000 | KD: | | 20 | 000000000 | KD: | | | 00000000 |
| NUTES | | | → 1 | 000000000 | | | - | 00000000 | | | 19 | 00000000 |
| Ξ | 712 | | 18 | 000000000 | 680 | | | 00000000 | 630 | | → 1 | 00000000 |
| S | 0. | | 1 | 0.05 | | | 17 | | | | 17 | 00000000 |
| EGREE | • | | 16 | 0000000 0000000 0000000000000000000000 | Ë | | 16 | 0 225 0 225 0 225 0 328 0 310 | <u>:</u> | | 15 | 0.09 0.13 0.15 0.17 0.20 0.23 0.23 |
| 35 DI | ¥ | z | 15 | 00000000 | `₩ | z | 15 | 00000000 www.a.a.u.u.u.u u.a.a.a.u.u.u.u.u u.a.a.a.u.u.u.u.u.u.u.u.u.u.u.u.u.u.u.u | ~ | z | 15 | 0300000 0300000 03000000 0300444400 |
| TUDE | | ATIO | 14 | 88884446 | | IATION | 14 | 0.54 0.56 0.68 0.74 0.74 0.78 0.78 | | ATIO | 14 | 0 . 3 . 3 . 3 . 3 . 3 . 3 . 3 . 3 . 3 . |
| LATIT | 0.20 | R RADI | - | 0.94 0.95 0.95 0.95 0.95 0.95 | 02. | RAD | $\overline{}$ | 0.57 0.67 0.76 0.86 0.88 0.98 0.91 0.91 | 1.20 | RADI | 13 | 0.48 0.58 0.70 0.73 0.73 0.81 0.81 |
| Σ | ITY: (| SOLAF | | 0.93 0.93 0.93 0.93 0.93 0.93 0.93 | ITY: 0 | SOLAR | 12 | 0.60 0.82 0.82 0.92 0.95 0.95 | TY: 0 | SOLAR | 12 | 0.51 0.51 0.72 0.77 0.80 0.85 0.85 |
| | ECTIV] | OURLY | | 0.94 0.94 0.95 0.95 0.95 0.95 | ECTIVI | OURLY | 11 | 0.57 0.88 0.883 0.883 0.98 0.91 | ECTIVI | OURLY | 11 | 0.48 0.58 0.70 0.73 0.76 0.81 0.82 |
| RQUE | REFLI | Ĭ | 10 | 1000 1000 1000 1000 1000 1000 1000 100 | REFLI | Ĭ | 10 | 0.55 0.55 0.68 0.74 0.74 0.78 | REFLE | Ħ | 10 | 0.39 0.56 0.59 0.62 0.67 0.67 |
| BUQUE | | | 6 | 0000000 4444666666666666666666666666666 | | | 6 | 0000000 000000 000000 000000 000000 | | | 6 | 00000000 000000 0000444400 000044000 |
| ALI | r. | | •• | 00000000 0000000 000000000 0000000000 | ا | | •• | 0.13 0.25 0.25 0.25 0.33 0.33 | • | | ∞ | 0.09 0.15 0.17 0.19 0.20 0.23 |
| ATION | 6.8 | | 7 | 7.00000 0.0000 7.00000 7.00000 | 5.2 | | 7 | | 4.6 | | - 1 | |
| LOCA | . HO: | Ξ | | | . HO: | H | | 00000000 | . H0: | T.H | 9 | |
| | HORIZ | SOUT | | | HORIZ | SOUT | | 000000000 | HORIZ | SOUT | | 00000000 |
| | 10 | TION: | . | | 11 | TION: | | 00000000 | 12 | TION: | | 00000000 |
| | HINOM: | ORIENTA | _ | - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 | MONTH: | ORIENTA | - | 200 200 200 200 200 200 200 200 200 200 | MONTH: | ORIENTA | - | 250.00 20.00 20.00 20.00 20.00 20.00 20.00 |

| | 0.174 | DAILY TOTAL | RADIATION | WW4444WW 001446.01 WW8007H&4 | 0.177 | DAILY TOTAL | RADIATION | W44000000 •••••••••••••••••••••••••••••• | 0.172 | DAILY TOTAL | RADIATION | NNNNAAANN NAVE DOOM DNOONNUME |
|---------|----------|-------------|-----------|--|--------|-------------|------------|---|--------|-------------|-----------|---|
| | KD: | - | _ | 00000000 | KĎ: | _ | 20 | | KD: | _ | 20 | |
| ES | | | 19 | 00000000 | | | 19 | 00000000 | | | | 000000000 |
| MINUTE | 66 | | 13 | 000000000 | 29 | | 18 | | 80 | | 18 | |
| 27 | 0.5 | | 17 | 000000000 00000000 | 0.5 | | _ | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | 9.0 | | - | 000000 |
| EGREES | | | | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | 16 | | | | 16 | 00000000000000000000000000000000000000 |
| 36 DE | X | | 15 | 00000000000000000000000000000000000000 | KT | | 15 | N44 244 N N N N N N N N N N N N N N N N | × | | - | 20000000000000000000000000000000000000 |
| TUDE | | ATION | 14 | 44000444 084600044 | | ATION | _ | 411444444 \$15000041114 | | ATION | 14 | 601777061 601777061 |
| LATIT | .20 | RADI | 13 | 00000000000000000000000000000000000000 | .20 | RADI | 13 | 1244214 1244314 1244314 | .20 | RADI | 13 | 00.75 |
| Σ | 1Y: 0 | SOLAR | 12 | 1 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | TY: 0 | SOLAR | 12 | 000740700 000407000 | TY: 0 | SOLAR | 12 | V C C C C C C C C C C C C C C C C C C |
| | CTIVI | RLY | 11 | 450477777 874705444 | CTIVI | OURLY | 11 | 100000000 0000000000000000000000000000 | CTIVI | OURLY | 11 | 1 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| | REFLE | ноп | J 0 | 4411144444 084701444 | REFLEI | H | 0 <u>I</u> | 45046464 6506646 | REFLE | HO | 10 | 60122110661 60122110661 |
| YTON | | | 6 | 00000000000000000000000000000000000000 | | | | 00000000000000000000000000000000000000 | _ | | 6 | 1 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 |
| CLA | | | | 20000000000000000000000000000000000000 | | | • | 000000000000000000000000000000000000000 | | | •• | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| TION | 5.06 | | ~ | 100000000 | 6.75 | | 7 | 40000000 | 8.57 | | 7 | |
| LOCATIO | : OH | I | 9 | | HO: | × | | 00000000 | HQ | I | 9 | |
| | HORIZ. | SOUT | ĸ | | HORIZ. | SOUT | r. | 0000000 | HORIZ. | SOUT | Ŋ | |
| | T | : NOI | æ | | 2 H | : NOI | | | H M | : NO 1 | | |
| | MONTH: | ORIENTATI | í | 7117 0.0 220.00 325.00 45.00 50.00 | MONTH: | ORIENTATI | i | 220.00 220.00 330.00 650.00 | MONTH: | ORIENTATI | | 4114 0.0 220.00 30.00 35.00 55.00 60.00 |

| | 0.168 | DAILY TOTAL | RADIATION | ᲒᲒᲒᲢᲑᲑᲑᲑᲡᲡ 4.4.6.0.14.10.4 4.4.4.0.8.14.16 | 0.169 | DAILY TOTAL | RADIATION | 7.00 6.89 6.77 6.39 6.39 7.52 4.96 | 0.161 | DAILY 10TAL | RADIATION | 77.7.7.358.7.7.358.7.7.358.7.358.7.358.7.35.7.35 |
|-------|--------|-------------|-----------|---|--------|-------------|-----------|--|--------|-------------|---------------|--|
| | ΚĎ | | 2 | 000000000 | KD: | | 0 | 00000000 | KD: | | ~ | |
| ES | | | | 00000000 | | | 19 | | | | \rightarrow | 000000000000000000000000000000000000000 |
| MINUT | 25 | | 100 | 1 000000000 1 00000000 1 00000000 | 19 | | 18 | 00.00 | 53 | | 28 | 00000000000000000000000000000000000000 |
| 27 | 9.0 | | 17 | | 9.0 | | 17 | 000000000000000000000000000000000000000 | 9.0 | | 17 | 00.28 |
| GREES | | | 9 [| 000000 0000000000000000000000000000000 | •• | | 16 | 00000000000000000000000000000000000000 | •• | | 16 | 00000000000000000000000000000000000000 |
| 36 DE | X | | 15 | 00.000 | X | | 15 | 00000000000000000000000000000000000000 | KT | | 15 | 00000000000000000000000000000000000000 |
| TUDE | | ATION | 14 | 0.75 | | ATION | | 00.75 00.75 00.75 00.75 00.75 00.75 | | ATION | \rightarrow | 0.80 0.81 0.77 0.75 0.75 |
| LATIT | .20 | RADI | 13 | | .20 | RADI | 13 | | .20 | RADI | 13 | 00000000000000000000000000000000000000 |
| Σ | 1Y: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | 00000000000000000000000000000000000000 | TY: 0 | SOLAR | | 0 . 98 . 0 . 9 . 0 . 0 |
| | CTIVI | URLY | 11 | | CTIVI | OURLY | 11 | | CTIVI | OURLY | 11 | 000000000000000000000000000000000000000 |
| | REFLE | Ĥ | 10 | 0.720 | REFLE | ¥ | 10 | 0 . 75 0 . 75 0 . 75 0 . 75 0 . 75 0 . 57 | REFLE | Ħ | 10 | 00.80 00.80 00.70 00.73 00.73 |
| AYTON | | | 6 | 00000000000000000000000000000000000000 | | | 0 | 00 00 00 00 00 00 00 00 00 00 00 00 00 | | | 6 | 00000000000000000000000000000000000000 |
| CLA | | | €0 | 000000 000000 000000000000000000000000 | | | | 00 3442 00 3442 00 3442 00 3442 00 3442 | | | | 00000000000000000000000000000000000000 |
| ATION | 10.28 | | 7 | 0.220 0.220 0.220 0.200 0.200 0.200 | 11.31 | | 7 | 000000000000000000000000000000000000000 | 11.67 | | 7 | 00.224 |
| 7007 | . но | Ŧ | | 000000000000000000000000000000000000000 | . HÖ: | Ξ | 9 | 000000000000000000000000000000000000000 | . HO: | Ξ | | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 |
| | HORIZ | SOUT | ī, | | HORIZ | SOUT | Ŋ | 000000000 | HORIZ | SOUT | | |
| | Ŧ | TION: | | 00000000 | ī. | TION: | | | 9 | TION: | | 00000000 |
| | MONTH: | ORIENTATI | ; | 71 L T | MONTH: | ORIENTA | i | 10.00 10.00 220.00 330.00 40.00 60.00 | MONTH: | ORIENTA | | 711. 0.0 10.00 20.00 25.00 35.00 40.00 60.00 |

| | 0.165 | DAILY TOTAL | RADIATION | 7.22 7.22 7.22 6.35 6.35 5.75 5.75 | 0.162 | DAILY TOTAL | RADIATION | \$ | 0.157 | DAILY TOTAL | RADIATION | N 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 |
|---------|---------|-------------|-----------|--|--------|-------------|-----------|--|--------|-------------|-----------|---|
| | KD: | | N | 00000000 | KD: | | 20 | 00000000 | χÖ | | | 00000000 |
| ES | | | 13 | | | | 19 | | | | 19 | 00000000 |
| MINUT | 37 | | 18 | 00.000 | 85 | | 18 | 00000000 00000000 044wwww00 | 29 | | 18 | |
| 27 | 9.0 | | 17 | 000000000 | 9.0 | | 17 | 000000000000000000000000000000000000000 | 9.0 | | 17 | |
| EGREES | | | 16 | 444444MWW 8000MWH0MO | •• | | 16 | 4444444WW W4WWWHOVW | | | 16 | 479999989 |
| 36 DE | K | | 15 | ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ | KT | | 15 | 000000000000000000000000000000000000000 | X | | | 00.62 |
| ITUDE | | ATION | 7 | 00000 00000 00000 00000 00000 | | ATION | 14 | | | ATION | 14 | 00000000 00000000000000000000000000000 |
| LATIT | .20 | RADI | 13 | 0~1000000000000000000000000000000000000 | .20 | RADI | 13 | | .20 | RADI | | 00.00 00.00 00.00 00.00 00.00 00.00 |
| ξ | TY: 0 | SOLAR | | 00.88 00.88 00.88 00.88 00.88 00.88 00.88 00.88 | TY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | ~ | 0.94 0.94 0.94 0.94 0.94 0.94 |
| | CTIVI | HOURLY | 7 | | CTIVI | OURLY | 11 | | CTIVI | OURLY | 7 | |
| | REFLE | ¥ | ~ | 0.77 0.77 0.77 0.77 0.75 0.56 0.56 | REFLE | ¥ | 10 | 0.74 0.77 0.73 0.78 0.77 0.76 0.76 | REFLE | H | 10 | |
| AYTON | | | • | 44444444444444444444444444444444444444 | | | σ. | | | | 0 | 0.52 0.60 0.60 0.60 0.60 0.60 |
| CL | _ | | | 0000000 444444 8848444 8848 | | | •• | 00.44 00.44 00.44 00.45 00.45 00.45 00.45 | | | €0 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 |
| OCATION | 11.30 | | ~ | 00.22 | 10.20 | | 7 | 00.233 00.223 00.220 11.90 | 8.52 | | 7 | 000000000000000000000000000000000000000 |
| 7007 | HO: | æ | 9 | 00.000 | H0: | ,≖ | 9 | 0000000 000000 0000000 0000000 | H0: | × | 9 | |
| | HORIZ. | SOUTH | 5 | | HORIZ. | SOUT | | 00000000 | HORIZ. | SOUT | | 000000000 |
| | ~ | ION: | | | •• | :NOI | | 00000000 | • | :NOI | | |
| | MONTH: | ORIENTATION | ; | 60000000000000000000000000000000000000 | MONTH: | ORIENTAT | ; | 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | MONTH: | ORIENTAT | - | 250.00 250.00 250.00 250.00 250.00 20.00 |

| | 0.154 | DAILY TOTAL | RADIATION | 4 M W W W & & & & & & & & & & & & & & & & | 0.162 | DAILY TOTAL | RADIATION | ww.4.4.v.v.v.v.v. 2.4.0.0.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4. | 0.170 | DAILY TOTAL | RADIATION | GWW444400 |
|---------|----------|-------------|-----------|---|--------|-------------|-----------|--|----------|-------------|------------|--|
| | KD: | | 20 | 00000000 | KD: | | | 00000000 | KD: | | 20 | 00000000 |
| TES | | | 19 | 00000000 | | | | 00000000 | | | ~ | 00000000 |
| MIN'JTE | 680 | | 18 | | 949 | | - | | 617 | | — 1 | 000000000 |
| 5 27 | 0 | | 17 | | | | - | 00000000 | <u>.</u> | | 17 | 00000000 |
| EGREE | :- | | 16 | 00000000 00000000 000000000 | Ë | | 9 [| 0.11 0.11 0.12 0.22 0.25 0.25 0.25 | Ë | | 16 | 0.07 |
| 36 DI | × | z | 15 | | `₩ | z | | 00 00 00 00 00 00 00 00 00 00 00 00 00 | × | æ | | 00000000000000000000000000000000000000 |
| TUDE | | IATIO | _ | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | IATION | 14 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | | IATIO | 14 | 00000000000000000000000000000000000000 |
| LATI | 0.20 | R RAD | 13 | 00000000 0000000 000000000000000000000 | 0.20 | R RAD | - | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | 0.20 | R RAD | ₩ 3 | 0.75 |
| Σ | ITY: | SOLA | 12 | 00.000000000000000000000000000000000000 | ITY: 1 | SOLA | _ | 000000 00000 00000 00000 00000 0000 0000 | ITY: (| SOLA | 12 | 0.58 0.74 0.76 0.78 0.78 0.882 0.883 |
| | ECTIV | OURLY | 11 | | ECTIV. | HOURLY | 11 | 00 00 00 00 00 00 00 00 00 00 00 00 00 | ECTIV | OURLY | 11 | |
| | REFL | Ĭ | 10 | 00000000000000000000000000000000000000 | REFL | Ξ | 10 | | REFL | Ĭ | 10 | |
| AYTON | | | | 00000000 4400000000 1440000000 | | | 6 | 000000 00000 000444 00000 00000 | | | 6 | 00000000000000000000000000000000000000 |
| נר | 2 | | | 000000000 000000000 0000000000000 | 8 | | | 000000000000000000000000000000000000000 | | | •0 | 00.000000000000000000000000000000000000 |
| OCATION | 9.9 | | _ | 00000000000000000000000000000000000000 | 5.0 | | | | 4.4 | | | |
| 100 | . HO: | TH. | | 000000000 | . H0 : | H | 9 | | . HO: | 11 | 9 | 00000000 |
| | HORIZ | SOUT | 5 | | HORIZ | SOUTH | īŪ | | HORIZ | SOUTH | | |
| | 10 | TION: | • | 00000000 | 11 | TION: | _ | | 12 | TION: | | |
| | MONTH: | ORIENTA | ; | 7117 10.00 220.00 255.00 55.00 60.00 | MONTH: | ORIENTA | ; | 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | MONTH: | ORIENTA | • | 11.1 0.0 20.00 30.00 435.00 50.00 |

| | 0.175 | DAILY TOTAL | RADIATION | 084444400 60 | 0.173 | DAILY TOTAL | RADIATION | գգտտրտտ օր ստ գտ արտ արտ արտ արտ արտ արտ արտ ար | 0.168 | DAILY TOTAL | RADIATION | 566665 500 500 500 500 500 500 500 500 5 |
|----------|--------|-------------|-----------|--|--------|-------------|-----------|--|---------|-------------|-----------|--|
| | ΚĎ | | ~ | 00000000 | KD: | | | 00000000 | KD: | | | 000000000 |
| res | | | 7 | 00000000 | | | | 00000000 | | | | 00000000 |
| MINUTE | : 95 | | 18 | 00000000 | 0.5 | | ! | 00000000 | 25 | | | 6666666 |
| 45 | 0.5 | | 17 | 00000000 | 9.0 | | 17 | 0.00 | 9.0 | | | 000000000000000000000000000000000000000 |
| EGREES | | | | 00000000000000000000000000000000000000 | | | 16 | | | | | |
| 36 DE | K | | - | 00000000000000000000000000000000000000 | X | | R) I | 00000000000000000000000000000000000000 | K | | | 00000000000000000000000000000000000000 |
| ITUDE | | ATION | 14 | W4UUU4644 W7448HWUU | | ATION | 14 | 50000000000000000000000000000000000000 | | ATION | 14 | 6244428U |
| LATIT | .20 | RADI | | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | .20 | RADI | 13 | 0.59 0.75 0.75 0.75 0.73 | .20 | RADI | | 0.77 0.37 0.83 0.85 0.85 0.71 |
| Σ | TY: 0 | SOLAR | 12 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | 7Y: 0 | SOLAR | 12 | 8827729 | TY: 0 | SOLAR | 12 | 0.85 0.85 0.85 0.87 0.87 0.87 |
| | ECTIVI | HOURLY | 11 | 00.47 00.63 00.63 00.73 00.73 | CTIVI | URLY | 11 | 0 . 7 . 6 . 6 . 6 . 6 . 6 . 6 . 6 . 6 . 6 | CTIVI | HOURLY | 11 | 0.77 0.33 0.83 0.84 0.85 0.85 |
| NO | REFLE | 2 | 10 | 000000 1 | REFLE | H | 10 | 0.62 0.65 0.65 0.65 0.65 0.68 | REFLE | H | 10 | |
| RMINGTON | | | 0 | 00000000000000000000000000000000000000 | | | 0 | 0000000 0000000 0000000000000000000000 | | | (| 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 |
| FAR | | | | 00.11 00.11 00.11 00.22 00.23 00.23 00.23 | | | | 000000 | | | • | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 |
| OCATION | 5.01 | | ^ | 00000000 | 6.71 | | | 0.05 0.05 0.05 0.05 0.07 0.07 | 8.53 | | ^ | 000000000000000000000000000000000000000 |
| 1007 | . H0: | Ξ | 9 | 00000000 | . HO: | Ξ | 9 | 00000000 | : H0 | <u>=</u> | 9 | |
| | HORIZ | SOUTH | 2 | 00000000 | HORIZ | SOUT | 5 | 00000000 | HORIZ. | SOUT | 5 | 000000000 |
| | ~ | TION: | | | 2 | ION: | | 0000000 | m | : NOI | 5 | 00000000 |
| | MONTH: | ORIENTAT | ; | 10.00 220.00 325.00 35.00 40.00 60.00 | MONTH: | ORIENTAT | - | 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | MONTH: | ORIENTAT | : | 220.00 220.00 230.00 40.00 60.00 |

| | 0.160 | DAILY TOTAL | RADIATION | 566 500 566 560 560 560 560 560 560 560 | 0.153 | DAILY TOTAL | RADIATION | 7.73 7.77 7.62 7.62 7.29 6.81 6.20 5.45 | 0.139 | DAILY TOTAL | RADIATION | 888.12 7.92 7.07 7.07 5.38 7.44 7.44 |
|----------|--------|-------------|-----------|--|--------|-------------|-----------|--|----------|-------------|------------|--|
| | KD: | | | 00000000 | KD: | | | 0000000 | ΚĎ | | 20 | |
| res | | | 19 | 00000000 | | | 19 | | | | | 000000000000000000000000000000000000000 |
| MINUTE | 655 | | 81 | | 683 | | 18 | HH0000000 | 720 | | → 1 | 000000000000000000000000000000000000000 |
| 5 45 | 6 | | 17 | 000000000 | 9. | | 17 | | 6 | | 17 | 0.33 0.22 0.22 0.12 0.12 |
| EGREE | ·· | | 16 | 00000000 4444444WW | : | | 16 | 00000000 | :- | | 16 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 |
| 36 D | × | z | 15 | 0000000 00000 00000 00000 00000 00000 | × | z | 15 | 0.00 | ¥ | z | 15 | |
| TUDE | | IATIO | _ | 0.73 | | IATIO | 14 | | | IATIO | ~ | 8.00 8.00 8.00 8.00 8.00 8.00 8.00 8.00 |
| LATI | 0.20 | R RAD | | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | 0.95 0.95 0.95 0.95 0.95 0.95 0.95 |
| Σ | ITY: | SOLA | 12 | 00000000 | ITY: | SOLA | 12 | 00000000 | ITY: | SOLA | _ | 1.03 1.03 1.03 1.00 0.97 0.97 |
| | ECTIV | OURLY | 11 | | ECTIV | OURLY | | 0.94 0.94 0.95 0.98 0.88 0.88 | ECTIV | HOURLY | 11 | 0-0000000 |
| TON | REFL | x | - | 100007000 | REFL | I | 10 | 00000000 | REFL | I | 0 | 0.90 0.90 0.85 0.85 0.85 0.85 0.85 0.85 0.85 |
| RMINGTON | | | 6 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | • | 000000000000000000000000000000000000000 | | | 6 | 0.73 |
| FA | 9 | | •0 | 1 00 00 00 00 00 00 00 00 00 00 00 00 00 | - | | •0 | 000000000000000000000000000000000000000 | * | | •0 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 |
| OCATION | 10.2 | | 7 | 44200000000000000000000000000000000000 | 11.3 | | | 000000000000000000000000000000000000000 | 11.6 | | 7 | 0.33 |
| 100 | . HO: | H | | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | : HO: | OUTH | | 0000000 | : H0: | ITH | 9 | 00.000000000000000000000000000000000000 |
| | HORIZ | SOUT | | 00000000 | HORIZ | 200 | | | HORIZ | SOUT | Ŋ | 0.0000000000000000000000000000000000000 |
| | 4 | TION: | | | Ŋ | TION: | | | 9 | TION: | | |
| | MONTH: | ORIENTA | i | 4111 220.00 320.00 330.00 50.00 60.00 | MONTH: | ORIENTA | | - 111- - 00- - 00- | MONTH: | ORIENTA | | 7111 10.00 225.00 30.00 35.00 40.00 |

| | 0.151 | DAILY TOTAL | RADIATION | 77777 8.07777 4.075.07 8.073.07 8.073.08 | 0.150 | DAILY TOTAL | RADIATION | 77.77 77.35 77.55 66.53 66.53 66.53 | 0.140 | DAILY TOTAL | RADIATION | 6.09 7.22 7.22 7.23 7.03 |
|----------|------------|-------------|-----------|---|----------|-------------|-----------|--|--------|-------------|-----------|--|
| | KD: | | 0 | | ΚĎ | | | 00000000 | χÖ | | 20 | |
| ES | | | 19 | | | | _ | 00000000 | | | 19 | 00000000 |
| MINUT | 91 | | 18 | | 97 | | 18 | | 18 | | 18 | |
| 45 | 9.0 | | 17 | 13.73.56 | 9.0 | | 17 | 000000000000000000000000000000000000000 | 0.7 | | 17 | 000000 |
| SREES | | | 16 | เขตอดยายเล่น | | | 16 | 4444444 477454446 | | | 16 | |
| 36 DEGR | K | | 15 | 55 66 66 66 66 66 66 66 66 66 66 66 66 6 | KT | | | 20000000000000000000000000000000000000 | X | | — | 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |
| le) | | HOIL | | | | NOIL | 14 | 00000000000000000000000000000000000000 | | TION | 14 | 77 20 20 20 20 20 20 20 20 20 20 20 20 20 |
| ATITUD | 20 | RADIA | | | 20 | RADIA | 13 | 80000000000000000000000000000000000000 | 20 | RADIA | 13 | |
| E X | TY: 0. | OLAR | - | 00000000000000000000000000000000000000 | ا¥: 0. | SOLAR | 12 | | TY: 0. | SOLAR | 12 | |
| ~ | CTIVII | IRLY S | 11 | | TIVITY | HOURLY S | - | 80000000000000000000000000000000000000 | IVI | HOURLY S | 11 | 8000000000000000000000000000000000000 |
| ž | REFLEC | HOUR | 10 | #################################### | EFLECT | HOH | 10 | | EFLECT | HOL | 10 | |
| RMINGTON | 6 2 | | 6 | | οε | | 6 | | DZ. | | • | 1 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 |
| FARM | | | • | 1 | | | | 4444444 4744444 47444444 60000000 | | | •0 | WW 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 |
| NOI | 1.30 | | 7 | | 0.19 | | ~ | 1 | 8.49 | | ~ | 45.000000000000000000000000000000000000 |
| LOCATION | HO: 1 | _ | 9 | 1210000000 | HO: 1 | | ø | 10000000000000000000000000000000000000 | HO: | | | |
| | RIZ. | SOUTH | | 100000000 | RIZ. | SOUTH | Ŋ | | RIZ. | SOUTH | 'n | 1 |
| | HOR | X | 4 | 100000000 | 8 HOR | : NO | J | | 9 HO | : X | J | |
| | MONTH: 7 | ORIENTATIO | í | 1111 10.00 220.00 220.00 220.00 230.00 230.00 240.00 | MONTH: 8 | ORIENTATIO | | 71 | MONTH: | ORIENTATIO | | 71L7 10.00 225.00 225.00 35.00 60.00 |

| | 0.146 | DAILY TOTAL | RADIATION | ֏ ԱՍՆԳԳԳԳԳ ԴԱՆՐԳՍՆՐ ՉՑ ԳՐԵՐՆԳ ՉՑ ԳՐԵՐՆԻԳՑ | 0.158 | DAILY TOTAL | RADIATION | N444NNNNN N0470 N047N90 047N9070 04 | 0.172 | DAILY TOTAL | RADIATION | 0mm44444 4000 40 |
|-----------|--------|-------------|-----------|--|--------|-------------|-----------|--|--------|-------------|-----------|--|
| | KD: | | 20 | | KD: | | 2 | 00000000 | KD: | | N : | 00000000 |
| TES | | | 19 | 00000000 | | | _ | 000000000 | | | | |
| MINUTES | 902 | | 18 | 00000000 | 999 | | | 00000000 | 209 | | 18 | |
| 5 45 | 6 | | 17 | 955996 | ö | | 17 | 00000000 | Ö | | 17 | 00000000 |
| DEGREE | : E | | 16 | 00000000 | : 1: | | 16 | 1 00000000 | : 13 | | 16 | 00000000 |
| 36 D | × | <u>z</u> | 15 | 1 | ¥ | × | | 1 00000000 | × | NO | - | 000000000000000000000000000000000000000 |
| ITUDE | | DIATIO | 14 | 600000000 | | DIATIO | 14 | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | DIATIC | 16 | 1 |
| LATI | 0.20 | R R | 13 | 00000000 | 0.20 | AR RAI | | i ちらててるるるる | 0.20 | AR RAI | | 14200000000 |
| Σ | /ITY: | SOLA | 7 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | VITY: | S01 | 12 | WWG & WA Y & WG WG \ WG \ WG \ WG \ WG \ WG \ WG \ | /IIY: | S01 | 12 | 2 W - 1 W - 1 W - 2 W - 1 W - 2 W - |
| | ECTIV. | HOURLY | 11 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | LECTIV | HOURLY | 11 | ころらててるるるる | LECTIV | HOURLY | 11 | こならららアアア |
| STON | REF | - | 10 | | REF | _ | | 1450000000 | REFL | _ | | i wannuaaaa |
| ARMINGTON | | | | | | | • | | | | • | |
| ш. | 9.0 | | | 1 4 W W A A V V V V V V V V V V V V V V V V | 97 | | | | 35 | | •0 | 00000000 |
| LOCATION | . 6.6 | | ~ | | 4 | | | | . 4 | | | |
| 6 | Z. HO | SOUTH | | | Z. HO | SOUTH | | | Z. H0 | SOUTH | | |
| | HORIZ | 20 | | | HORI | | | | HORIZ | 20 | | |
| | 10 | ATION: | | 00000000 | 11 | ATION: | | | 12 | ATION: | | |
| | MONTH: | ORIENTA | | 71[1 10.0 10.0 20.00 35.00 55.00 60.00 | MONTH: | ORIENTA | | 71LT 10.00 20.00 35.00 40.00 60.00 | MONTH: | ORIENT! | | 7117 000 2000 3000 85000 6000 6000 |

| | 0.175 | DAILY TOTAL | RADIATION | SUNTATES SUNSING SUNSI | 0.173 | DAILY TOTAL | RADIATION | ֏ ֏ ՠ ֎֎֍֍֍֍ ֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈ | 0.164 | DAILY TOTAL | RADIATION | NGGGGGGG GIINGGGGGG GCCGGCGGGGGGGGGGGGGG |
|----------|---------|-------------|-----------|--|----------|-------------|---------------|---|-----------|-------------|-----------|--|
| | KD: | _ | 20 | 00000000 | ΚĎ | _ | | 00000000 | KĐ: | _ | 20 | |
| ES | | | _ | 00000000 | | | - | | | | | 00000000 |
| MINUTES | 26: | | 18 | 00000000 | 20. | | 18 | 00000000 | 41 | | 18 | |
| 54 | 6.5 | | 17 | 00000000 | 9.0 | | 17 | 00000000000000000000000000000000000000 | 9.0 | | 17 | |
| DEGREES | <u></u> | | 16 | | <u>:</u> | | 16 | | | | 16 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 |
| 33 DE | X | _ | 15 | | ₽ | | $\overline{}$ | 0000000 00000000 000000000 | X | _ | - | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 |
| UDE | | ATION | 14 | 000000000 4 W W W W W W W W W W W W W W W W W W W | | ATION | 14 | | | ATION | 7 | 0.75 |
| LATITUDE | .20 | RADI | _ | 000000000000000000000000000000000000000 | 0.50 | RADI | ~ | 0 . 7 9 0 0 . 7 9 0 0 . 7 9 0 0 . 7 9 0 0 . 7 9 9 0 0 | 1.20 | RADI | 13 | 000000000000000000000000000000000000000 |
| Σ | ITY: 0 | SOLAR | _ | 400000000 | TY: 0 | SOLAR | 12 | 20.00 20.00 20.00 20.00 20.00 20.00 20.00 | TY: 0 | SOLAR | ~ | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 |
| | ECTIVI | Y JANOH | 11 | | FLECTIVI | HOURLY | 11 | 00.74 | ECTIVI | HOURLY | ~ | 00000000 000000000 00000000000000000 |
| | REFLECT | 3. | 10 | | REFL | Ĭ | 10 | 00000000 0000000 0000000 00000000 000000 | REFLE | Ĭ | 10 | 0.75 0.75 0.77 0.77 0.76 0.76 |
| SWELL | | | ٥ | 00000000 0000000 0000000 000000 | | | • | | | | • | 000000000 00000000 0000000000000000000 |
| RO | 7 | | | 400000000 4000000000000000000000000000 | • | | •• | 00000000000000000000000000000000000000 | • | | | 00000000 WWWWWWWWWWWWWWWWWWWWWWWWWWW |
| OCATION | 5.5 | | 7 | | 7.1 | | ^ | 1 0000000 | 80 | | 7 | 00000000000000000000000000000000000000 |
| 100 | . HO: | ¥ | | 00000000 | HO.: | TH. | | | . но | Ŧ | 9 | |
| | HORIZ | SOUT | ĸ, | 00000000 | HORIZ | SOUT | 20 | 00020000 | HORIZ | SOUT | | 000000000 |
| | _ | TION: | | 00000000 | ~ | TION: | | 00000000 | m | TION: | | 00000000 |
| | HONTH: | ORIENTA' | i | 4114 0.00 220.00 30.00 35.00 550.00 | MONTH: | ORIENTA' | | 10.00 10.00 22.00 28.00 60.00 60.00 | HONTH: | ORIENTAL | į | 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |

| | 0.156 | DAILY TOTAL | RADIATION | 7 7 7 7 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 | 200 | 0.153 | DATLY TOTAL | RADIATION | 777779955 7797779955 878799959 | 0.145 | DAILY TOTAL | RADIATION | 880777798 6118-77-7-60 888814-47-60 888814-47-87 |
|----------|---------|-------------|-----------|---|---|--------|-------------|-----------|---|--------|-------------|-----------|---|
| | Ä | | | 000000 | | X : | | | | KD: | | | |
| TES | | | 19 | 000000 | | | | | 00000000 | | | 19 | |
| MINUT | 671 | | 13 | 000000 | 000 | 685 | | 18 | 00000000 | 709 | | 8 | |
| 5 24 | 6 | | | 4400000 | | | | 17 | 60000000 | ė | | | 0000000 |
| DEGREE | K7: | | _ | 000000 | - M.M. | : 13 | | 16 | 0000000 | KT:: | | 16 | 00000000 |
| 33 [| * | S. | | 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | | ~ | NO | 15 | 1 48484644 | - | Z O | | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| TITUDE | | DIATI | | 1 P 00 00 00 00 10 | 000 | | DIATI | 14 | 1 60 60 60 60 60 7 7 60 | | DIATI | 1 4 | - 多分となるなるなるなっ |
| LAT | 0.20 | AR RA | 7 | | 000 | 0.20 | AR RA | 13 | DDDDDDDDN | 0.20 | AR RA | ~ | 22 4 4 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| ž | VITY: | Y 501 | 7 | | 500 nmvo | VITY: | Y 50L | - | WN4W48680 | WITY: | Y 50L | 7 | 7878780786 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| | FLECTIV | HOURL | 7 | 6000000 | ၁၀၀ ၈၈၈ | FLECTI | HOURL | 0 11 | ANABHO000 | FLECTI | HOURL | 7 | 1 8 9 7 8 8 9 8 9 9 9 9 9 9 9 9 9 9 9 9 9 |
| 11 | RE | | 7 | 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | RE | | - | | RE | | - | 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 |
| RCSWELL | | | | 1 444444 1 444444 1 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | | | | | | | | | |
| NO | .42 | | | 2223 | 0 0 0 7 0 0 | .31 | | ~ | | .61 | | ~ | 222 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| LOCATION | HO: 10 | | | 0000000 000000 | 9 0 0 | KO: 13 | | | 000000000000000000000000000000000000000 | H0: 11 | | • | 00000000000000000000000000000000000000 |
| _ | HOP.12. | SOUTH | | 000000 | 500 | HORIZ. | SOUTH | Ŋ | | HORIZ. | SOUTH | 5 | |
| | • | TION: | | 000000 | | ٠ | TION: | | 00000000 | w | TION | | 00000000 |
| | MONTH: | ORIENTAT | i | 30000000000000000000000000000000000000 | | MONTH: | ORIENTA | ; | 4111 10.00 225.00 350.00 650.00 | HINOM: | ORIENTA | ; | 111.7 10.00 20.00 30.00 35.00 50.00 60.00 |

| | 0.154 | Y TOTAL | DIATION | 7.69 | m e | •0 | 0.6.4 | • | 6.133 | Y TOTAL | DIATION | • | 7.07 | ~ | 0. 00 | 37 | 0.153 | Y 101 | DIATION | 00000000000000000000000000000000000000 |
|----------|--------|---------|---------|------------------------------|--------|---------|----------------------|---|--------|---------|---------|---|------------------------|--------------------|-------------|-------|--------|---------|---------------|--|
| | •• | DAIL | RAI | | | | | | | DAIL | RAC | | | | | | •• | DAIL | RA | |
| | Δ¥ | | 20 | 000 | • • | ٠. | | Š | 2 | | 2 | • | 990 | | | | 2 | | | |
| ES | | | | 000 | • • | | | | | | | 1 | 9 9 9 | | • | | | | $\overline{}$ | 66666666 |
| MINUT | ~ | | | 00.0 | 0.0 | 900 | | • | ç | | 18 | 1 | 0.00 | . c | 0.0 | 0.0 | ** | | 18 | |
| 58 | 9.0 | | _ | 0.30 | ivic | iu. | 777 | | - | | ~ | ; | 0.23 | ~~ | (1- | | 9 | | ~ | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| EGREES | •• | | | 0.50 | 4.4 | • | # m. 0 | • | | | 16 | 1 | 0.42 0.45 0.46 | ی جی | 4.4 | M M | | | - | 00000000000000000000000000000000000000 |
| 33 DE | K | | 15 | | . 40 | | 0 10 4 | 3 | 2 | | _ | 1 | 0.65 0.67 0.67 | 9.9 | 4 | N, N | ¥ | | 25 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| UDE | | ATION | _ | 0.00 0.00 0.00 0.00 | . eo e | اجرو | ~ 9 9 | | | ATION | 14 | 1 | 0.00 | €0 €0 | 60 1 | 1.9 | | ATION | _ | 0.71 0.77 0.80 0.81 0.82 0.82 0.31 |
| LATITUD | .20 | RADI | 13 | | . 0, 0 | . 00 | 0.40 | - | 92. | RADI | 13 | ! | 0.89 0.93 0.94 | 6.0 | 0.0 | .00 | 6 | یم ب | 13 | 00.93 |
| Ľ. | 17: 0 | SOLAR | 12 | 0.95 | . 6. 0 | . 6. | 0.00 | ; | • • | SOLAR | 12 | 1 | 0.92 0.96 0.98 | 5.0 | 0.0 | ∞ ∞ | 1 7 | ۲ | $\overline{}$ | 0.95 |
| | ECTIVI | HOURLY | 11 | 0.00 | . 6.0 | •0 | 0.85 | | | OURLY | 11 | ; | 0.89 0.93 0.94 | 0.0 | 0.0 | .00, | 10110 | URL | ri Fi | 00000000000000000000000000000000000000 |
| | REFLE | ¥ | 13 | 1 | ••• | 0 r - 1 | 0.75 0.69 0.61 | į | KEFLE | ¥ | 10 | ! | 0.80 | * 0 × | 100 | 1.0 | מבנינ | | 0 | 00.77 |
| SWELL | | | 0 | 1 | . 4. | 9 0 | 0.60 | | | | • | • | 0.65 | ٠. ح | v | in in | | | • | 10000000000000000000000000000000000000 |
| ROS | | | • | 12.05. | 9 4 | | | | | | •• | | 3.00 4.4.4 7.6.6 | , 4 7 4 7 | £. | 33 | | | •0 | 000000000000000000000000000000000000000 |
| TION | 11.30 | | ~ | 300 | .55 | 57. | 52. | , | 10.55 | | 7 | 1 | | 25 | 100 | 13 | * | | ^ | 1 4 5 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 |
| LOCATION | 9 | I | 9 | 100 | 900 | ** | 2 0 0 2 0 0 | | D | I | 9 | | 40.0 | .03 | 200 | 200 | C | · | | |
| | HORIZ. | Sout | | 000 | | | | | MUK12. | SOUT | | 1 | 0 00 | | | | W10017 | SOUT | S | 90000000 |
| | ^ | TION: | | 000 | | | | • | ю | T 10N: | | | 000 | • | | | • | TION: | | 00000000 |
| | MONTH: | ORIENTA | í | -000 | . W. c | | | 4 | HOMIN | ORIENTA | | _ | 000 | 9.0 | .0.0 | | | TENTA | l | 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |

| | 0.154 | DAILY TOTAL | RADIATION | 400000000 840000 1000000 10000000 | 0.163 | DAILY TOTAL | RADIATION | พ.գ.գ.ռ.ռ.ռ.ռ.ռ. พ.ศ.ช.ค.ศ.ช.ช. ล.ก.ศ.ช.ช.ค.ศ.ช. | 0.172 | DAILY TOTAL | RADIATION | พพ.44444พ.พ อ.ช.446 อ.ช.446 อ.ช.446 |
|-------|--------|-------------|-----------|--|-----------|-------------|---------------|---|--------|-------------|-----------|---|
| | KD: | | 20 | 00000000 | KD: | | 2 | 00000000 | KD: | | 2 | 00000000 |
| TES | | | 19 | | | | ~ 1 | | | | ~ 1 | |
| MINUT | 629 | | 18 | | 645 | | 18 | 00000000 | 609 | | 138 | 00000000 |
| 5 24 | 9 | | 17 | | e. | | 17 | | | | | |
| EGREE | T | | 16 | | ee Jan | | | 0.22 | :- | | ⊸o i | 00.110 |
| 33 D | ¥ | z | | 00000000 0000000 000000000000000000000 | × | z | 15 | www.mwww | ¥ | z | | |
| TUDE | | IATION | - ক | 0 | | IATIO | | 4200000000 | | IATIO | 14 | 00000000 00000000 00000000000000000000 |
| LATI | 0.20 | R RAD | 13 | 00000000000000000000000000000000000000 | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | 00000000000000000000000000000000000000 |
| ξ | ITY: | SOLAI | 72 | 00000000 00000000000000000000000000000 | ITY | SOLA | \rightarrow | 0000000 0000000 00000000 00000000000 | ITY: | SOLA | 12 | 00.00 00 |
| | ECTIV | HOURLY | = | 000000000000000000000000000000000000000 | ECTIV | HOURLY | 11 | 000000 00000 00000 00000 00000 00000 | ECTIV | OURLY | 11 | 000000000000000000000000000000000000000 |
| | REFL | Ī | 10 | 0.0000000000000000000000000000000000000 | REFL | Ī | 10 | 00000000 40000000 6000000000 | REFL | Ī | 16 | 00000000000000000000000000000000000000 |
| SWELL | | | 6 | 2000000000 200000000000000000000000000 | | | σ, | 00000000 0000000 000000000000000000000 | | | 6 | 000000000 0000000000000000000000000000 |
| RO | σ | | €0 | 00000000 00000000000000000000000000000 | m | | | 00000000 0000000 000000000000000000000 | 2 | | €0 | 000000000000000000000000000000000000000 |
| ATION | 7.0 | | 7 | 000000000000000000000000000000000000000 | 5.5 | | 7 | | 6.9 | | | |
| LBCA | . O.H | 11 | | | . HD: | H. | | | . HC: | H | | 00000000 |
| | HORIZ | SOUT | ξÛ | | HORIZ | SOUTI | רט | 000000000 | HCRIZ | SOUTI | ĸ | |
| | 10 | TION: | | 330000000 | 11 | TION: | 4 | | 21 | :NCI1 | | 00000000 |
| | MONTH: | ORIENTAL | | 411- 0.0 220.00 220.00 230.00 440.00 50.00 | MONTH: | ORIENTAL | | 111. 10.0 10.0 225.00 336.00 440.00 60.00 | MONTH: | ORIENTA | | 6 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |

| | 0.166 | DAILY TOTAL | RADIATION | 844488888 8117618488 888774788 | 0.165 | DAILY TOTAL | RADIATION | 4 N N N N N A A A A A A A A A A A A A A | 0.157 | DAILY TOTAL | RADIATION | 204666666666666666666666666666666666666 |
|---------|----------|-------------|-----------|---|------------|-------------|-------------|---|--------|-------------|-----------|--|
| | χĎ: | | | 00000000 | KD: | | | 60000000 | KD: | | N 1 | 00000000 |
| TES | | | 19 | 00000000 | | | 19 | | | | 19 | |
| MINUT | 639 | | | 000000000 | 634 | | | | 299 | | 200 | |
| 5 14 | 9 | | 17 | | 0 | | | 0.0000000000000000000000000000000000000 | 9. | | ~ | 000000000000000000000000000000000000000 |
| GREE | <u>:</u> | | 16 | 00000000000000000000000000000000000000 | <u>:</u> | | 16 | | •• | | 16 | 00.39 00.41 00.41 00.41 00.33 |
| 33 DE | 2 | _ | 15 | 000000000 www.www.ww 004/04/04/04/04/04/04/04/04/04/04/04/04/ | × | _ | 15 | | X | _ | | 00000000000000000000000000000000000000 |
| UDE | | ATION | 14 | 00000000 1440000 1440000 164140000 | | ATION | | 00.00 00 | | ATION | 4 | 00.30 |
| LATIT | .20 | RADI | 13 | | .20 | RADI | 13 | 00.000 | .20 | RADI | 13 | |
| E | TY: 0 | SOLAR | 12 | 60000000000000000000000000000000000000 | TY: 0 | SOLAR | 12 | 6000000 67888888 60000000000000000000000 | TY: 0 | SOLAR | 12 | 00000000 00000000 00000000000000000000 |
| EQUENIM | CTIVI | OURLY | 11 | 00.25 | ECTIVI | URLY | 7.7 | 0000000 000000 00000000000000000000000 | CIIVI | URLY | ~ | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 |
| CONS | REFLE | ¥ | | 00.000 | REFLE | НО | 10 | 00.00 00 | REFLE | НО | 10 | 00.000000000000000000000000000000000000 |
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| TRU | | | ∞ | 20000000000000000000000000000000000000 | | | O () | 20000000000000000000000000000000000000 | | | 80 | 2000000 WW 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 |
| OCATION | 5.60 | | 7 | | 7.22 | | | 00000000000000000000000000000000000000 | 8.90 | | 7 | |
| 1004 | H0: | <u>.</u> | | 00000000 | H0: | æ | | 000000000 | : OH | ž | \$ | |
| | HORIZ. | 3007 | Ŋ | | HORIZ. | Scut | Ŋ | 00000000 | HDRIZ. | SOUT | | aaaaaaaaa aaaaaaaaa |
| | - | :NOI | J | | <i>~</i> : | HOI | 4 | 000000000 | ю | :NOI | J | |
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| | 0.146 | DAILY TOTAL | RADIATION | • | 7.57 | ι. | Ü 4 | Ň | 0. | ນ. a | | | 0.143 | DAILY TOTAL | RADIATION | , | 8.07 8.05 | ∞, \ | 9 | 7 | × - | M | 0.139 | DAILY TOTAL | RADIATION | 77.700 77.955 7.74 7.41 | 4804 | |
|--------|----------|-------------|-----------|-----|------------------------------|-----|----------------|----------|-----|-------------|--------------|---|----------|-------------|-----------|-----|---------------------------------|------|------------|------|------------|----------------|--------|-------------|-----------|---|--|---|
| | KD: | | 20 | Ĺ | . o. | ٠ | • | | • | • | • | 2 | | | 20 | 1 | 0.0 | • | • | | ٠ | • • | KD: | | 20 | 00000 | | |
| ES | | | | 1 | | • | ٠ | ٠. | • | • | • | | | | 19 | 1 | 0.0 | • | • | | • | • • | | | 19 | 00.000.000.000.000.000.0000.0000.0000.0000 | 0000 | |
| MINUT | 90, | | | 1 | | 6. | > c | 0 | ٥. | 0.0 | | | 13 | | 18 | 1 | 0.03 | 0, | - | 0 | 0.0 | | 120 | | 18 | MM000 | | |
| 14 | 0.7 | | 17 | ; | 0.22 | ú | 'nc | | 7 | -:- | 1 | | 0. | | 17 | 1 | 0.32 | Sign | iu | 10 | ٠ <u>-</u> | : - : | 0.7 | | 17 | 0.34 0.23 0.28 0.26 | $\dot{\omega}\dot{\omega}\dot{\omega}\dot{\omega}$ | l |
| GREES | | | 16 | ! | 0.48 0.48 84.0 | ٠. | ه د | . 4 | 4. | <u>س</u> ۱۰ | · . | | •• | | 16 | ŀ | 0.54 0.53 | 'n, | | * | 4 1 | | ·· | | 16 | | 4460 |] |
| 33 DE | K. | | | 1 | 0.67 | ۲: | 9 | 9 | 9 | 9 4 | n. | : | <u> </u> | | 15 | 1 | 0.73 | 7.1 | - 4 | | <u>ب</u> و | 7 | X | _ | ~ | 0.75 0.74 0.72 0.70 | خمنت | |
| UDE | | ATION | 14 | 1 | 0.83 | ∞. | ٠ • | • | ∞ | | • | | | ATION | 14 | 1 | 0.8 0.8 8 8 8 | ∞. | <u>ب</u> د | . ∞ | ۲. | . 9. | | ATION | 14 | 0,00000 | 87.7.8 | |
| LATIT | .20 | RADI | 1.3 | 1 1 | 0.93 | 6. | <u>ۍ</u> و | . 6 | 6. | ∞.• | o. | | .20 | RADI | _ | 1 1 | 0.99 | 0. | ף מ | · 6. | Φ. | ۰۲. | 1.20 | RADI | 13 | | 0.0000 | : |
| EN S | 1 X : 0 | SOLAR | 12 | 1 | $\frac{0.95}{1.00}$ | 0 | ٥, د | ۰۰, | 6. | ٥, ٥ | o. | į | 1 Y : 0 | SOLAR | 12 | 1 1 | 1.00 | 0. | | · 6. | <u>۰</u> ، | ٠٠. | ITY: 0 | SOLAR | | 11.00 1.00 1.00 1.00 1.00 1.00 1.00 | 0000 | : |
| SEQUEN | ECTIVI | GURLY | Ħ | 1 | 0.93 | 6. | <u>ۍ</u> د | . 6 | σ. | ٠. دن | o. | : | ECTIVI | OURLY | 11 | | 0.97 | 6. | י. ס | · 6. | ۰. ۰ | ۰۲. | ECTIV] | OURLY | 11 | | 0.0000 | : |
| R CONS | REFL | Ĭ | 10 | 1 | 0.83 | ∞. | ×. 0 | 0 00 | • | ٠- r | : | į | REFLI | Ĭ | 10 | | 0 8 8 8 8 | ₩. | ×0. « | òώ | <u>ن</u> ، | . 9. | REFLI | Ŧ | 10 | 00000 00000 000000 | 87.7.8 | |
| UTH O | | | 6 | 1 | 0.63 | 7 | ٠, | ع ن | 9 | ٠, n | Ú. | | | | 6 | ŀ | 0.73 | 7 | `. ' | . • | 9 1 | Ú. 4 | | | 6 | 0.72 | 00014 | • |
| 18 | м | | • | i | 0 .4 0 .4 0 .4 0 .4 | 4 | J (| . 4 | • | M) I | ? | | _ | | | 1 | 0 0 0 0 0 0 0 0 0 0 | W) | 4. | • | ٠, | . w. | - | | 90 | | 4460 | |
| ATION | 10.4 | | 7 | 1 | 0.25 | 3 | v, c | Š | - | 7. | . | | 11.3 | | | . ! | 0.32 | 3 | 70 | | ્ય - | - | 11.6 | | ~ | 00000 20000 40000 | 22-1- | • |
| 100 | . HO: | 1H | 9 | 1 | 0.03 | 0 | 0.0 | 9 0 | | 0,6 | . | | . H0: | T.H. | 9 | 1 | 0.11 | 0 | ٥ د | | 0,6 | , C | . H0: | H | 9 | 0.00 | 0000 | • |
| • | HORIZ | วอร | | | 0 0 | ٠ | • | • | | • | • | | HORIZ | SOUT | ĸ | 1 | 00 | , | • | | • | | HORIZ | SOUTI | | 00000 | 0000 | |
| | ড | 1 1 0N: | | 1 | 00 | • | ٠ | | | • | | | 'n | TION: | 4 | - 1 | 0 0 0 0 | • | • | | ٠ | | 9 | TION: | | 00000 | | • |
| | MONTH: | ORIENTAL | | _ | ပ ု ဝ | 0 0 | in e | ວ ທ ວ | 0,0 | • | | | NONTH: | ORIENTA | | _ | 000 | 0.0 | D | 50. | 0.0 | | MONTH: | ORIENTAL | | 20000000000000000000000000000000000000 | N 0 0 c | |

| | ΚĎ: |
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| 14 MINUTES | 0.660 |
| 33 DEGREES 14 MINUTES | KT: |
| LATITUDE | 0.20 |
| TRUTH OR CONSEQUENNM | REFLECTIVITY: 0.20 |
| LOCATION | HORIZ, KO: 11.29 |

MONTH:

0.159

| یہ | _ | | | | _ | | | <u>.</u> | _ | |
|---------|-------|---|-------|-------|-------|--|------------|----------|-------|---|
| TOTA | ATION | 244 200 200 200 200 200 200 200 200 200 | 0.155 | TOTA | ATION | 0011100 0011100 00100 00100 001100 00100 00100 00100 00100 00100 00100 00100 00100 00100 00100 00100 00100 00100 00100 00 | 0.151 | TOTA | ATION | 132 2966 207 207 207 207 207 207 207 207 207 207 |
| AILY | RADI | 777766644 | | AILY | RADI. | 91111999N | | AILY | RADI | |
| ā | | | 0 | Ã | _ | | .: Q | À | _ | |
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| | 19 | 00000000 | | | ~ | | | | | 00000000 |
| | 18 | | Ñ | | 18 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | = | | 200 | 00000000 |
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| DIATION | 15 | 000000 00000 00000 00000 00000 | × | _ | 15 | 000000 0000000 00000000 00000000 | × | _ | 15 | 000000000000000000000000000000000000000 |
| | | 00.00 00 | | ATION | 14 | 000000000000000000000000000000000000000 | | ATION | 14 | 000000000000000000000000000000000000000 |
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| LAR | i | 00000000 | 0 | : AR | | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | . 0 | LAR | | |
| อร | - | 00000000 | ΙΤΥ | 80 | _ | 000000000 | ITY | 201 | - | 00000000 |
| HOURLY | 11 | | CTIV | URLY | 11 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ATLO | URLY | 11 | 0.00 |
| H | 10 | | REFLE | θН | 10 | 00000000000000000000000000000000000000 | REFLE | СН | 10 | 00000000000000000000000000000000000000 |
| | σ | | | | | 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | _ | | 6 | \ \chi \chi \chi \chi \chi \chi \chi \chi |
| | | 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | | | | 4444444WW WAUAWAUUW 000000000 | | | | WW444444 VW1444444 OOOOOOOO |
| | | | ľ | | | 00000000 | 5 | | | 00000000 |
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| _ | 9 | 000000000000000000000000000000000000000 | : OH | _ | 9 | 1 4 4 W W W W W W W W W W W W W W W W W | : OH | - | 9 | |
| OUTH | | 1 00000000 | 12. | ООТН | | 1 00000000 | 12. | OUTE | | |
| S | | 0000000 | HOR | ഗ | | 00000000 | HOR | S | | |
| I ION: | | 000000000 | ∞ | TION: | | 000000000 | 6 | TION: | | 000000000 |
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| ORIE | ; | 7 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | MONTH | ORIE | i | - 422222 - 422222 - 622222 - 622222 - 622222 - 622222 - 622222 - 622222 - 62222 - 62222 - 62222 - 62222 - 62222 - 62222 - 62222 - 62222 - 6222 - 6222 | MONT | ORIE | ; | - 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |

| 14 MINUTES |
|----------------|
| 33 DEGREES |
| LATITUDE |
| OR CONSEQUENNM |
| TRUTH OR |
| LOCATION |

| 0.149 | DAILY TOTAL | RADIATION | ֏N Գ Գ Գ Գ Գ Գ Գ Գ Գ Գ Գ Գ Գ Գ Գ Գ Գ Գ Գ | 0.151 | DAILY TOTAL | RADIATION | พ 4พพพพจจ พ พพพพพพ พ พพพพพพ พ พ พ พ พ | 0.164 | DAILY TOTAL | RADIATION | ###################################### |
|---------------------|-------------|------------|--|--------|-------------|-----------|--|--------|-------------|-----------|--|
| KD: | | | 00000000 | KD: | | 20 | 00000000 | χ Ω | | 0 1 | 00000000 |
| 3 | | ~ ! | | | | | 00000000 | | | ! | 000000000 |
| 700 | | - | | 069 | | | 00000000 | 638 | | -1 | 000000000 |
| , | | 17 | 0.0050 0.0050 0.0050 0.0050 0.0050 | 9. | | 17 | 000000000000000000000000000000000000000 | | | 1 : | 000000000 |
| בטאנה ד : | | - | 0.000 0.000 0.000 0.000 0.000 0.000 | Ë | | 16 | 0 . 2 . 2 . 2 . 2 . 2 . 2 . 2 . 2 . 2 . | 7: | | 16 | 000000000000000000000000000000000000000 |
| 2 × | == | 15 | 0.58 0.58 0.60 0.60 0.64 0.64 | × | z | 70 | 00000000 24420000000 4040000000 | × | z | 15 | 00.328 00.444 00.544 00.544 00.544 |
| 7 7 7 | IATIO | 14 | 0.70 0.70 0.70 0.70 0.83 0.83 0.83 | | IATIO | 14 | 0.50 0.68 0.71 0.74 0.78 0.83 0.83 | | IATIO | 14 | 0.581 0.659 0.657 0.657 0.72 |
| 0.20 | R RAD | 13 | 0.954 0.954 0.954 0.955 0.955 | 0.20 | R RAD | 13 | 0.60 0.70 0.73 0.83 0.88 0.93 0.93 | 0.20 | RAD | 13 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 |
| nari ITY: | SOLA | 12 | 00000000000000000000000000000000000000 | ITY: | SOLA | 12 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | I TY: | SOLA | 12 | 0.54 440.00 740.00 740.00 740.00 740.00 740.00 |
| SERVE | OURLY | 11 | 0.93 0.93 0.93 0.93 0.93 0.93 | ECTIV | OURLY | 11 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | ECTIV | OURLY | | 0.51 0.73 0.73 0.73 0.83 0.83 |
| R CUR | Ξ | 10 | 0 | REFL | Ĩ | 10 | 0.50 0.680 0.74 0.74 0.81 | REFL | Ŧ | | 0.52 0.53 0.65 0.65 0.65 0.72 |
| | | 6 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | 6 | 00000000000000000000000000000000000000 | | | - 1 | 0000000 000000 00000000000000000000000 |
| <u>.</u> | | • | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | • | | | 0 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 2 | | ∞ ! | 00000000000000000000000000000000000000 |
| A:104 7.1 | | 7 | 00000000000000000000000000000000000000 | 5.5 | | | | 6.9 | | 7 | 00000000 |
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| HORIZ | SOUT | | 00000000 | HORIZ | SOUT | | | HORIZ | SOUTH | - 1 | 000000000 |
| 10 | TION: | | 00000000 | 11 | TION: | 4 | | 12 | TION: | す | 000000000 |
| MONTH: | ORIENTA | ; | 22000000000000000000000000000000000000 | MONTH: | ORIENTA | ; | 250 250 250 250 250 250 250 250 250 250 | MONTH: | ORIENTA | - | 250.00 250.00 30.00 60.00 60.00 60.00 |

| | 0.173 | DAILY TOTAL | RADIATION | 88444488 6886 7886 7886 7886 7886 7886 7 | 0.176 | DAILY TOTAL | RADIATION | 4.7.00000000 9.7.0.000000 9.7.0.00000 9.1.00000000000000000000000000000000000 | 0.169 | DAILY TOTAL | RADIATION | 5.00 5.00 5.00 5.00 6.00 6.00 6.00 6.00 |
|-------|--------|-------------|-----------|---|--------|-------------|------------|---|--------|-------------|-----------|---|
| | KD: | | 20 | 000000000 | KD: | | | 00000000 | KD: | | | 00000000 |
| res | | | | 00000000 | | | 19 | 00000000 | | | 19 | 00000000 |
| MINUT | 03 | | | | 589 | | 18 | 00000000 | 950 | | 18 | |
| 11 | 9.0 | | 17 | | -: | | 17 | | 9.0 | | 17 | 00000000000000000000000000000000000000 |
| GREES | •• | | 16 | 00.1120 | • | | 16 | 0.222 0.222 0.222 0.324 0.334 0.334 0.334 | ·· | | 16 | |
| 35 DE | K | | _ | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | Σ | _ | 15 | 00.38 88.47 90.00 11.00 | Σ | _ | 15 | 00000000000000000000000000000000000000 |
| agn | | ATION | 14 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | ATION | ~ 1 | 99999999 | | ATION | 14 | 00.733 |
| LATIT | .20 | RADI | 13 | 00.00 00 | .20 | RADI | 13 | 0.59 0.66 0.73 0.75 0.77 0.77 | .20 | RADI | 13 | 00.72 00.83 00.83 00.83 00.83 72 76 |
| E. | 1 y: 6 | SCLAR | \vdash | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | TY: 0 | SOLAR | 12 | | 1Y: 0 | SOLAR | | 00 8 8 0 0 8 8 5 0 0 8 8 5 0 0 0 8 8 5 0 0 0 8 8 5 0 0 0 8 5 0 0 0 8 5 0 0 0 0 |
| | CTIVI | OURLY | - | 00.00 00 | CTIVI | URLY | 11 | | CTIVI | OURLY | 11 | 00.00 00 |
| I | REFLE | Н | 10 | 1 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | REFLE | H | 10 | 0000000n | REFLE | H | 7 | 911111100 |
| UMCAR | | | 6 | 000000 00000 00000 00000 00000 00000 0000 | | | 6 | 0.38 0.43 0.647 0.50 0.50 0.51 0.51 | | | | 00.00 00 |
| TUC | _ | | • | 000000000000000000000000000000000000000 | ı, | | ∞ | 90000000000000000000000000000000000000 | _ | | ∞ | 00.00 00 |
| NOIT | 5.27 | | 7 | 00000000 | 6.9 | | 7 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | 8.70 | | 7 | |
| LOCA | . HO: | Ŧ | - | 00000000 | . HO: | E | _ | 00000000 | . HO: | H | 9 | |
| | HORIZ | .nos | | 000000000 | HORIZ | กอร | | 00000000 | HORIZ | SOU | Ŋ | |
| | - | TION: | | | 8 | TION: | | 00000000 | m | TION: | | 00000000 |
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| | .164 | TOTAL | TION | 00000000000000000000000000000000000000 | .163 | TOTAL | TION | 070000mm | .156 | TOTAL | TION | 20000000000000000000000000000000000000 |
|--------|----------|----------|-------|--|--------|----------|-------------|--|--------|----------|-------|---|
| | • | DAILY | RADIA | <u> ကို ကို ကို ကို ကို ကို</u> | 0 | DAILY | RADIA | VVVV 4 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 | 0 | DAILY | RADIA | VVVV 0 0 10 10 |
| | ΚĎ: | | (V) | 000000000 | Ä | | | 00000000 | Ä | | 2 | 00000000 |
| ES | | | | 00000000 | | | | 00000000 | | | | 000000000000000000000000000000000000000 |
| MINUT | 40 | | 80 | 00000000 0000000 00000000 000000000 | 45 | | 80 1 | 00.11 | 72 | | 18 | 0.113 0.00 0.00 0.00 0.00 0.00 0.00 0.00 |
| 11 | 9.0 | | 17 | 0000000 0000000 0000000000000000000000 | 9.0 | | 17 | 00.23 | 9.0 | | 17 | 00.25 00.25 00.25 00.20 00.16 |
| GREES | | | 16 | 00000000000000000000000000000000000000 | | | 16 | | •• | | 16 | 0000000 000000000000000000000000000000 |
| 35 DE | X | | 15 | 1 0000000 1 00000000 1 000000000 1 00000000 | X | | 15 | | K | | 15 | 00000000000000000000000000000000000000 |
| UDE | | ATION | 14 | 0.74 0.78 0.78 0.78 0.76 0.76 | | ATION | 14 | 0.78 0.79 0.77 0.77 0.75 0.55 | | ATICH | 14 | 00.83 00.73 00.73 00.67 |
| LATIT | .20 | RADI | 13 | 00000000 | 1.20 | RADI | 13 | | .20 | RADI | 13 | |
| Σ | TY: 0 | SOLAR | 2 | 288.00 288.00 288.00 288.80 288.80 388.80 | TY: 0 | SOLAR | 12 | 0 .89 0 .92 0 .93 0 .88 0 .78 0 .78 | TY: 0 | SOLAR | ~ | 0.94 0.95 0.95 0.90 0.79 |
| | CTIVI | HOURLY | 11 | 00.000000000000000000000000000000000000 | CTIVI | OURLY | 11 | | ECTIVI | URLY | 11 | 0.91 0.93 0.89 0.86 0.76 |
| H | REFLE | H | 10 | 00.74 00.73 00.73 00.75 00.75 | REFLE | 2 | 10 | 0.78 0.80 0.79 0.77 0.75 0.75 0.56 | REFLE | 20 | 1 0 | 00 88 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 |
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| | 0.160 | DAILY TOTAL | RADIATION | 77.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7 | 0.158 | DAILY TOTAL | RADIATION | 66.00 66.00 66.00 66.00 66.00 66.00 66.00 | 0.157 | DAILY TOTAL | RADIATION | 6666665 7.22 7.65 7.65 7.65 8.65 8.65 8.65 8.65 8.65 8.65 8.65 8 |
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| Σ. | ITY: | S01.A | 12 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ITY: | SOLA | 12 | 0000000 0000000 00000000 0000000000000 | ITY: | SOLA | 12 | 00.772 |
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| | 0.159 | DAILY TOTAL | RADIATION | | 6.83 7.04 | e, e | • | ∞, | ٠, | . · | • | 9.152 | DAILY TOTAL | RADIATION | (| 7.80 | 9 | , CA | ٠. | · - | . M | 0.147 | DAILY TOTAL | RADIATION | 00.00 7.00 7.00 7.00 7.00 7.00 7.00 7.0 | 3 - | 00 | 7 |
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| 2 | 1Y: 0 | SOLAR | | 00000000 WANTINININIO 80004000000000000000000000000000000000 | 17: 0 | SOLAR | 12 | 00000000000000000000000000000000000000 | 1Y: 0 | SOLAR | 12 | 40000000000000000000000000000000000000 |
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| 1 OC/ | . HO: | Ξ | | 99999999 | . K 0: | E | | 86066666 | : 9H | H | 9 | |
| | HORIZ | SOUTI | | 00000000 | HORIZ | SOUTI | | 99999999 | HORIZ | SOU | | 000000000 |
| | - | 110N: | | 00000000 | 8 | TION: | | 00000000 | • | TION: | | 00000000 |
| | MONTH: | CRIENTAL | ; | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | MONTH: | ORZENTAL | | 7101 200 300 300 300 400 600 600 600 600 | MONTH: | ORICHTAI | ; | 20000000000000000000000000000000000000 |

| | 0.174 | DAILY TOTAL | RADIATION | 0.0 | יי נייו | , w | ٠ | 5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00 | 0.163 | DAILY TOTAL | RADIATION | 0 | m | ۲. | :0: | 60 ~ | 6.11 5.46 | 0.154 | DAILY TOTAL | RADIATION | 6. | . e | 9. | 4. | 10. | 5.34 5.58 |
|---------|----------|-------------|---------------|--------|---------|----------------|--------------|--|----------|-------------|-----------|------------|------|--------------|------|------|--------------|--------|-------------|-----------|-------------|------------------|------------------|------------|------|----------------|
| | KD: | | | | • | • • | • | 900 | KD: | | 20 | i · | • • | ٠ | | • | .00 | KD: | | 2 | 0.0 | ٠, | • | • | • • | |
| ES | | | 19 | | • | | • | 0.00 | | | 19 | | . 0 | 0.5 | | | 0.01 | | | 19 | . 0 | - 0 | 0 | e c | . 0 | 0.01 |
| MINUT | 169 | | ∞ | | 0.0 | | 0.5 | | 44 | | 80 | - | : -: | 0.6 | | ۰. د | 0.00 | 81 | | 18 | ļ | 7 | 7 | 0.0 | . 0 | |
| 50 | 0.5 | | 17 | 100 | Sic | iú | ٠ <u>,</u> - | 0.17 | 9.0 | | 17 | 10 | 'n | vi c | isi | i, c | 0.18 | 9.0 | | 17 | ימן | . 1. | N | i, | . ~ | 0.19 0.14 |
| EGREES | <u>:</u> | | 16 | 1 10.4 | 4 | . . | ٠٠. ١٠. | 0.36 | <u>:</u> | | 16 | 1 7 | • | 4 | . 4. | 4.9 | 0.38 | | | | ابن | יי יי | 'n | 4.4 | • | 0.39 |
| 40 DE | ¥ | ~ | 15 | היים | ו נא | ņ | ı, r | 0.53 | × | z | 15 | 1 4 | 9 | 9, 4 | 9 | 9.4 | | Ξ | z | 15 | | -1 | 9 | ٠ د | 9 | 0.57 |
| TUDE | | IATION | 14 | 9. | ~ | ``: | ۲. | 0.67 | | IATION | 14 | - | . ` | <u>ر .</u> ر | . 1. | ر نر | 0.70 | | IATION | 14 | 1 60 (| ∞. « | ₩. | ين دي « | 7.0 | 0.72 |
| LATI | 0.20 | RRAD | 13 | 1 | ∞.• | • •• | ٠. د | 0.76 | 0.20 | R RAD | 13 | e< | ∞, | <u>ښ</u> | . w | ∞. « | 0.79 | 0.20 | R RAD | 13 | 6. | 0.0 | 6. | σ. σ | `∞ | $0.81 \\ 0.73$ |
| ž | ITY: | SOLA | _ | 1 / 8 | ∞.• | o ∞. | ∞. ≪ | 0.79 | ITY: | SOLA | 12 | 1 60 | . 6 | 6.0 | . 5. | ∞. « | 0.82 | ITY: | SOLAI | 12 | 16. | 5.0 | ٥. | 5.0 | · 6. | |
| | ECTIV | OURLY | $\overline{}$ | 1 | •0.0 | • ∞ | 63 L | 0.76 | ECTIV | OURLY | 11 |) « | . ∞ | တ္ ဖ | ∞ | ∞. « | 0.79 | ECTIV | OURLY | 11 | 16. | ه . و | 6 | ٥, ٥ | `∞ | 0.81 |
| | REFL | Ξ | 10 | 9. | ~. | : [| <u>ر</u> د | 0.62 | REFL | Ī | 0 | | . ` | <u>ر</u> ر | : `: | | 0.00 | REFL | Ī | 10 | 1 00 | ∞. « | · « | ∞. ∞ | ٠. | 0.72 |
| ко | | | σ. | ابزيرا | ا زير ا | ųν | بن بر | 0.53 | | | 6 | 1 4 | 9 | 9. | . % | 9.4 | 000 | | | 6 | 7. | | 9. | 9. | ٠, | 0.50 |
| EL | 2 | | 90 | 1 6.4 | | . 4 | i, w | 0.36 | _ | | 60 | 1 4 | • | 4 | .4 | 4. 4 | 0.00 | 2 | | ∞ | 1.5 | ώū | 'n | 4 | . 4 | |
| OCATION | 10.0 | | 7 | | 14. | isi | 4- | | 11.2 | | 7 | M | . m | ij, | iن | si. | 0.18 | 11.7 | | | 1 10.1 | m, m | | ώc | 10 | 0.19 |
| 707 | HQ: | Ŧ | 9 | 00 | 0.0 | 9 | ٥. | 0.03 | . HO . | Ŧ | 9 | - | : -: | 0,0 | 90 | 0,0 | 0.00 | . HO: | Ħ | 9 | | ~! ~ | : - : | 0,0 | . 0 | |
| | HORIZ | SOUTI | | | | • • | ٠ | | HORIZ | SOUTI | 2 | = | | 9.5 | ? 0. | 0.0 | 0.00 | HORIZ | SOUT | 5 | 10. | 0, 0 | | C. | | 0.01 |
| | 4 | TION: | | 0.0 | • • | | | | 2 | : NOI | 4 | 1 | | • | • • | • | 900 | • | : NOI | | 0.0 | • | | • | | |
| | MONTH: | ORIENTAI | _ | -00 | | 90. | 5.0 | | MONTH: | ORIENTAT | ; | _ | 0.0 | 0.0 | 0.0 | 0.0 | 50.00 | MONTH: | ORIENTAT | ; | 11.1 0.0 | 0.0 | 5.0 | 0 4 | 0.0 | |

C.5

| | 0.133 | DAILY TOTAL | RADIATION | 8888867799 52557777777777777777777777777777777 | 0.133 | DAILY TOTAL | RADIATION | 7.30 7.566 7.783 7.758 7.758 6.39 | 0.128 | DAILY TOTAL | RADIATION | 5.97 7.26 7.39 7.50 7.50 7.51 |
|----------|--------|-------------|-----------|---|--------|-------------|------------|---|--------|-------------|------------|--|
| | KD: | | 20 | 00000000 | ä | | 20 | 00000000 | KD: | | | 000000000 |
| ES | | | 19 | | | | | 900000000 00000000 | | | ~ 1 | |
| MINUT | 734 | | 18 | | 133 | | 18 | | 743 | | 18 | |
| 50 | 0 | | 17 | 00000000000000000000000000000000000000 | 0 | | 17 | | 0 | | 17 | 00.15 |
| GREES | ·• | | 16 | 00000000000000000000000000000000000000 | ·• | | 16 | | ·• | | 16 | 000000000000000000000000000000000000000 |
| 40 DE | X | _ | 15 | | X | _ | 15 | | Σ | _ | ~ | 0.55 0.68 0.69 0.69 |
| TUDE | | ATION | 14 | | | ATION | 14 | 0 .83 0 .83 0 .85 0 .90 0 .90 0 .83 0 .88 0 .78 | | ATION | 14 | |
| LATII | .20 | RADI | 13 | | .20 | RADI | 13 | 0.91 1.00 1.00 1.00 1.01 1.01 1.00 0.99 0.89 | 1.20 | RADI | | 0.00 0.997 0.997 0.997 0.997 0.997 |
| > N | TY: 0 | SOLAR | 12 | 00000000000000000000000000000000000000 | TY: 0 | SOLAR | 12 | 0.00 11.00 10.00 1 | TY: 0 | SOLAR | _ | 000000000000000000000000000000000000000 |
| | ECTIVI | OURLY | 11 | | ECTIVI | OURLY | 11 | | ECTIVI | OURLY | 11 | 0.90 0.99 0.99 1.01 1.02 1.02 1.03 8.98 |
| | REFL | Ĭ | - | 80000000000000000000000000000000000000 | REFLE | Ħ | 10 | | REFLE | Ħ | 10 | 00000000000000000000000000000000000000 |
| KO | | | _ | 47.00 7.75 7.75 7.75 7.75 7.75 7.75 7.75 | | | ٥ | 0.72 0.72 0.72 0.73 0.73 0.73 0.66 | | | | 20000000000000000000000000000000000000 |
| ELI | | | •0 | 00000000 00000000 0000004448 0004816764 | | | e 0 | 000000000000000000000000000000000000000 | | | ∞ | 00000000000000000000000000000000000000 |
| LOCATION | 11.26 | | ~ | 00000000000000000000000000000000000000 | 9.95 | | ~ | 00.224 | 8.03 | | 7 | |
| 1001 | . HO: | Ξ | | 420000000000000000000000000000000000000 | . H0: | Ξ | | 000000000000000000000000000000000000000 | но: | Ξ | | |
| | HORIZ | SOUT | Ŋ | 00000000 | HORIZ. | SOUTH | | 00000000 | HORIZ. | SOUTH | | 00000000 |
| | 1 | TION: | . | 00000000 | •0 | TION: | | 00000000 | 0. | : NOI | | 00000000 |
| | MONTH: | ORIENTAI | | 7117 0.0 10.00 220.00 30.00 35.00 50.00 | MONTH: | ORIENTAL | | 177 100 100 100 100 100 100 100 100 100 | MONTH: | ORIENTAT | | 7117 0.0 10.00 220.00 30.00 35.00 46.00 60.00 |

| | 0.150 | DAILY TOTAL | RADIATION | 448066666666666666666666666666666666666 | 0.174 | DAILY TOTAL | RADIATION | 公ままりまするみまでます。 でまたのごまられる。 あられるまのまちむめ | 0.183 | DAILY TOTAL | RADIATION | HUNWWWWW 9.49.44.49.69.69 9.49.44.69.69.69 9.49.44.69.69.69 |
|----------|------------|-------------|-----------|--|----------|-------------|---------------|---|--------|-------------|---------------|--|
| | KD: | | 20 | | KD: | | 20 | 00000000 | KD: | | 0 | 000000000 |
| TES | | | 19 | | | | 19 | 000000000 | | | _ | 000000000 |
| MINUT | 697 | | 18 | 000000000 | 599 | | - | 000000000 | 535 | | \rightarrow | 00000000 |
| 5 50 | | | 17 | 00000000000000000000000000000000000000 | | | 17 | | ė. | | | |
| DEGREE! | . - | | 16 | 00000000000000000000000000000000000000 | <u>:</u> | | 16 | 000000000000000000000000000000000000000 | : | | $\overline{}$ | 0.00 |
| 40 DE | Ÿ | | 15 | 00000000000000000000000000000000000000 | <u> </u> | - | 15 | 00000000 0000000 0000000 0000000 | `₩ | z | 15 | |
| ITUDE | | ATION | 14 | 0.53 0.73 0.73 0.74 0.78 0.78 0.81 | | ATION | 14 | | | ATIO | ~ | 0.32 0.52 0.52 0.52 0.52 |
| LATIT | .20 | RADI | 13 | 0.92 0.92 0.93 0.93 0.93 | .20 | RADI | 13 | | .20 | RADI | | 00000000000000000000000000000000000000 |
| 2 | 1Y: 0 | SOLAR | - | 00.00 | TY: 0 | SOLAR | | 20000000000000000000000000000000000000 | TY: 0 | SOLAR | \vdash | 00000000000000000000000000000000000000 |
| | CTIVI | OURLY | 11 | | ECTIVI | OURLY | $\overline{}$ | 00000000000000000000000000000000000000 | ECTIVI | HOURLY | 1.1 | |
| | REFLE | H | | 00.53 | REFLE | £ | 0 | 000000000 000000000000000000000000000 | REFLE | H | 10 | |
| 0 | | | | 8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | 6 | 00000000 00000000000000000000000000000 | | | ۰ | 00.226 |
| ELKO | | | •0 | 00.000 | | | ∞ | 00000000 00000000 000000000 00000000 | | | •• | 0.05 |
| LOCATION | 5.98 | | 7 | 0076000 000000 0000000 | 4.27 | | 7 | 0000000 | 3.64 | | 7 | 000000000 |
| LOCA | : P | , E | • | 000000000 | 9 | Ξ | 9 | 000000000 | H0: | Ξ | 9 | 000000000 |
| | HORIZ. | SOUTH | ĸ | 00000000 | HORIZ. | SOUTH | 'n | 00000000 | HORIZ. | SOUTH | Ŋ | 00000000 |
| | 10 | TION: | | 00000000 | 11 | TION: | 4 | 00000000 | 12 | TION: | J | 00000000 |
| | MONTH: | ORIENTATI | | 71[1 10.00 20.00 35.00 45.00 50.00 | MONTH: | ORIENTATION | | 7111 0.00 10.00 255.00 355.00 56.00 60.00 | MONTH: | ORIENTAT | | 71L1 0.00 220.00 225.00 345.00 50.00 |

| | 0.179 | DAILY TOTAL | RADIATION | SUMWEAAAA SUMOOOS SUMOOOS SOONOOS | 0.178 | DAILY TOTAL | RADIATION | 2041975000 000000000000000000000000000000000 | 0.170 | DAILY TOTAL | RADIATION | សសសសសសស |
|----------|--------|-------------|-----------|--|---------|-------------|------------|--|----------|-------------|-----------|--|
| | KD: | | 20 | 00000000 | Ë. | | 20 | 00000000 | ΚĎ | | 0.2 | 00000000 |
| res | | | 19 | 00000000 | | | 19 | | | | 19 | |
| MINUTES | 565 | | 18 | 00000000 | 569 | | 18 | | 614 | | 18 | |
| 11 | 0 | | | 00000000 | 0 | | 17 | 00000000000000000000000000000000000000 | 0.0 | | 17 | |
| EGREES | •• | | 16 | 00.00 | | | 16 | | <u>:</u> | | ~ | 00000000 88888888888888888888888888888 |
| 39 DE | KT | | 15 | 00000000 000000000 000000000000 | Ž | | | 00000000000000000000000000000000000000 | Σ | _ | - | |
| UDE | | ATION | - | 1 00000000 1 04470000000 1 468400000000 | | ATION | 14 | 00 00 00 00 00 00 00 00 00 00 00 00 00 | | ATION | 16 | |
| LATITUDE | .20 | RADI | _ | 00000000000000000000000000000000000000 | .20 | RADI | 13 | | .20 | RADI | 13 | |
| > * | 1Y: 0 | SOLAR | 12 | 00000000000000000000000000000000000000 | TY: 0 | SOLAR | 12 | 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.000 00.0000 00.000 | TY: 0 | SOLAR | 12 | 00000000 00000000000000000000000000 |
| | ECTIVI | OURLY | | 00000000000000000000000000000000000000 | ECTIVI | HOURLY | 11 | 00.553 | ECTIVI | URLY | 11 | |
| | REFLE | 2 | 10 | 00000000000000000000000000000000000000 | REFLE | 9 | 10 | 00000000000000000000000000000000000000 | REFLE | H | | 00.00 |
| | | | ~ | 1 00000000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | 6 | 000000000 1000000000 1000000000 | | | 0 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| EL Y | | | •0 | 0.000.11 | | | 8 Q | 00000000000000000000000000000000000000 | | | •0 | 000000000000000000000000000000000000000 |
| LOCATION | 4.58 | | 7 | | 6.33 | | | 1 00000000 1 00000000 1 000000000000000 | 8.25 | | | 00.114 |
| LOCA | H0: | I | | 000000000 | H0: | x | | | H0: | I | | |
| | HORIZ. | SOUTH | | | HORIZ. | SOUT | | | HORIZ. | SOUTH | 'n | |
| | _ | ION: | ড | 80000000 | 2 | ION: | | 00000000 | m | 10N: | | 00000000 |
| | MONTH: | ORIENTAT | i | 715 200 200 200 200 200 200 200 200 200 20 | MONTH: | ORIENTAT | i | 11 L | MONTH: | ORIENTAT | | 7111 10.0 20.0 22.0 35.0 50.0 60.0 60.0 60.0 |

| | 0.167 | DAILY TOTAL | RADIATION | 333333 ,, ,,, 4008/WHR3 | 0.163 | DAILY TOTAL | RADIATION | 7.2 7.36 7.126 6.999 6.530 5.037 | 0.155 | DAILY TOTAL | RADIATION | 5.10 5.10 5.10 5.10 5.10 5.10 5.10 |
|---------|----------|-------------|-----------|---|---------|-------------|-----------|---|--------|-------------|-----------|--|
| | KĎ: | | | 00000000 | KD: | | 2 | 0000000 | KD: | | ~ | |
| ES | | | 19 | 00000000 | | | 19 | 0.0000000000000000000000000000000000000 | | | - | 000000000000000000000000000000000000000 |
| MINUT | 929 | | 13 | | 545 | | 18 | 0.113 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 111 | | - | 00.000000000000000000000000000000000000 |
| 17 | 6.6 | | 17 | | 9.0 | | | 0 23 0 27 0 25 0 25 0 23 0 23 0 18 | 9.0 | | 17 | 00.33 00.23 00.23 00.23 01.33 |
| GREES | <u></u> | | 16 | 00000000000000000000000000000000000000 | | | 16 | 0 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | • | | 16 | 00000000000000000000000000000000000000 |
| 39 DE | X | _ | 15 | | X | | 15 | 00000000000000000000000000000000000000 | X | _ | 5 | 00.000000000000000000000000000000000000 |
| JODE | | ATION | | 0.75 | | ATION | _ | 0 . 7 8 0 . 7 9 0 . 7 9 0 . 7 9 9 0 . 7 9 9 0 . 7 8 9 0 | | ATION | 16 | 00.834 00.77 00.77 00.77 |
| LATII | 0.20 | R RADI | 13 | 00000000000000000000000000000000000000 | 0.20 | R RADI | 13 | | 0.20 | R RADI | 13 | 0.93 0.93 0.93 0.86 0.86 0.80 |
| 2 | 177: (| SOLAF | - | 00000000000000000000000000000000000000 | (TY: (| SOLAF | 12 | | ITY: (| SOLAF | 12 | 0.95% |
| | ECTIVI | OURLY | 11 | 00000000 7,00000000 8,00000000 | ECTIV] | OURLY | 11 | | ECTIV] | OURLY | 11 | 0.93 |
| | REFLE | Ĭ | 0 | 00.00 00.77 00.77 00.77 00.77 00.77 00.77 | REFLE | Ĭ | 10 | 0.79 0.79 0.78 0.78 0.69 0.69 | REFLI | Ħ | 10 | 00.884 00.77 00.77 00.77 00.77 |
| | | | 6 | 00000000 00000000 00000000000000000000 | | | 0 | 00000000 0000000 0000000 00000000 | | | 0 | 00.000000000000000000000000000000000000 |
| EL | • | | •0 | 000000000 4444 +44WW WWW WHOVE | 6 | | ∞ | 00.44 00.44 00.44 00.44 00.44 00.44 | | | ∞ | 00000000000000000000000000000000000000 |
| OCATION | 10.12 | | 7 | 000000000000000000000000000000000000000 | 11.2 | | 7 | 0 . 25 0 . 25 0 . 25 0 . 25 0 . 128 0 . 188 | 11.71 | | 7 | 0.33 0.25 0.25 0.25 0.25 0.13 |
| 1007 | . HO: | E | 9 | 000000000 00000000 00000000 | . HO: | Ξ | 9 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | . H0: | Ξ | 9 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 |
| | HORIZ | SOUTH | | | HORIZ | SOUTH | S | | HORIZ | SOUTH | S | 000000000000000000000000000000000000000 |
| | 5 | ION: | | | 50 | 110N: | | 000000000 | 9 | TION: | | |
| | MONTH: | ORIENTAT | ; | 1111 0.0 10.00 220.00 330.00 35.00 60.00 | MONTH: | ORIENTAT | ; | 110 100 100 2200 3300 500 600 600 600 | MONTH: | ORIENTAT | | 110 100 100 100 100 100 100 100 100 100 |

| | 0.153 | DAILY TOTAL | RADIATION | 7 | , es | | ,4 | 7 | 6,1 | 5.56 | 0.149 | DAILY TOTA | RADIATION | • | 7.34 | 4. | • | m, m | | N. | 0.128 | DAILY TOTAL | RADIATION | 6.10 | 1040 |
|----------|--------|-------------|-----------|------|------|------------|------------|---------|-----|--------------|--------|------------|-----------|-------|---------------------------------|--------------|------------|------------|------------|------------|--------|-------------|-----------|---|----------------------|
| | KD: | | 20 | 0.0 | ٠ | ٠ | | | • | | KD: | | | ı | 9 O | • | | ٠ | ٠. | • | ξÖ: | | | 00000 | |
| ES | | | 19 | | | | | 9 | 0 | 0.0 | | | 19 | • | | • | | • | | • | | | | 000000 | |
| MINUT | \$ 4 | | 18 | - | -, • | <u>ت</u> و | | | 2 | 0.04 0.04 | 0.0 | | 13 | 1 | 0.06 | 0. | | φ, 6 | | 0 | 43 | | - | 00000 | 000 |
| 17 | 9.0 | | 17 | l w | ٠. ر | 'nς | iv | . 6 | S | 0.18 | 0.7 | | 17 | 1 (| 0.25 | Sico | ivi | vi. | , · | - | 0.7 | | 17 | 000.15 | |
| GREES | | | 16 | .52 | 5.5 | 500 | . 43 | 45 | 43 | 0.33 | | | 16 | 1 | 0.46 | • | * 4 | 4, | . 4 | ۳. | ., | | | 00000 84444 800004 | 44.64 |
| 39 DE | KT | | 15 | . 69 | 0.4 | 69. | 0.4 | . 6 | 63. | 0.58 0.51 | KT | | 15 | 1 | 0.64 | • | ف ف | 9. | 9 | ru. | X | | 15 | 000000000000000000000000000000000000000 | . 70 . 69 . 69 |
| บภะ | | ATION | 14 | 1 00 | ∞. (| × • | ე ≪ | 90 | ~ | | | ATION | | 1 | 0.79 | , 6 0 | 0 ∞ | ∞. • | ٥٢. | ۲. | | ATION | 14 | 0.80 | 20 8 8 50 8 10 |
| LATIT | .20 | RADI | 13 | 1 0 | σ. | 0, 0 | . 0 | .0 | ∞. | | .20 | RADI | 13 | 1 | 0 0 0 0 0 0 0 | 6. | · • | φ. (| | ∞ . | .20 | RADI | 13 | 0.93 | |
| > % | 1Y: 0 | SOLAR | | 16. | 6. | ο, ο | . 0 | | 5 | 0.86 0.78 | TY: 0 | SOLAR | 12 | 1 | 0.91 | . 6. | <u>ء</u> د | φ. 6 | ,0, | ∞. | TY: 0 | SOLAR | 12 | 11.00.8 | |
| | ECTIVI | OURLY | 1 1 | 6. | 6. | ס, כ | , o | . 0 | ∞. | 0.83 | CTIVI | HOURLY | 11 | 1 | 90.00 | 6. | . v. | ٠. د | . 6. | øó. | ECTIVI | HOURLY | 11 | 8000 mm | |
| | REFLE | H | 10 | 1 80 | ≪ 1 | •¢ • | 0 « | 3 ≪ | ۲- | 0.73 | REFLE | H | 10 | 1 | 0.79 | •0 | × •0 | 83.6 | ٥٢. | . 7 | REFLE | 2 | 10 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | V Q 80 80 |
| | | | | 1 9 | ۲. | 9. | 9 4 | . 4 | 9 | 0.58 | | | 6 | 1 | 0.64 | 9 | ه ه | ٠, | ه ه | Ϋ́ | | | Φ. | 0.52 0.66 0.68 0.68 | .6.6.7. |
| ELY | | | | 10 | Ċ | ů, | * | . 4 | 4 | 0.39 | | | •0 | 1 | 0.46 | 4 | 4.4 | 5 . | * * | m. | | | •0 | 00000 W4444 W470 | 444 |
| LOCATION | 11.28 | | | 1 2 | W. | ٠i، | 'n٠ | ic | 10 | 0.18 0.14 | 10.05 | | ^ | | | 10 | NV | Ņ | | 7 | 8.21 | | 7 | 00.11 | 7.7.7.7. |
| LOCA | H0: | I | ø | - | 7 | 0, | | - | . 0 | 9.04 | 19 | æ | • | | 90.0 | . 0. | 0 0 | 0.6 | . . | 0 | н0: | I | • | | 000 |
| | HORIZ. | SOUT | ī | 10 | 0 | 0 | ⇒ • | - | 0 | 0.01 | HORIZ. | SOUT | 'n | 1 1 1 | | | • | | | • | HORIZ. | SOUTH | 'n | ! } | 5000 |
| | ~ | ION: | ** | | • | ٠ | • | • | | 00 | €0 | : NOI | æ | | 0.0 | | | • | | • | • | :NOI. | • | 00000 | |
| | MONTH: | ORIENTAT | | ٠ ب | 0.0 | 0.0 | ٠ د د | ם כי | 0.0 | 50.00 | MONTH: | ORIENTATI | | _ | 0.6 | | טיכ פיכ | 5.0 | | 0.0 | MONTH: | ORIENTAT | | 10.00 20.00 25.00 30.00 | |

| | 0.143 | DAILY TOTAL | RADIATION | 41.00.04.04.04.04.00.00 | 0.163 | DAILY TOTAL | RADIATION | SW4444WW 6.6.4WV 6.6.4WW SWAGACA 6.6.4WW | 0.176 | DAILY TOTAL | RADIATION | 20mmm444 20mm460 20m460 20mm80 20mm80 |
|-------------|--------|-------------|-----------|---|----------|-------------|-----------|---|----------|--------------|-----------|--|
| | KD: | | 20 | | KD: | | | 90909090 | ΚĐ | | 20 | 00000000 |
| TES | | | | | | | | 00000000 | | | 19 | 00000000 |
| MINUT | 713 | | 7 | | 643 | | 18 | | 583 | | | |
| 5 17 | | | 17 | 1 00 00 00 00 00 00 00 00 00 00 00 00 00 | 9 | | 17 | | 9 | | - | |
| EGREE | Ë | | 16 | 000000000000000000000000000000000000000 | Ë | | 16 | | - | | 16 | 0.05 0.00 0.00 0.00 0.00 0.00 0.00 0.00 |
| 39 D | ¥ | 7 | ~ | 000000 44000000 48000000 | × | 2 | 15 | 0 .00 .325 0 .441 0 .541 0 .541 0 .541 | × | z | 15 | 000000000000000000000000000000000000000 |
| ITUDE | | IATIO | 14 | 000000 000000 0000000 000000000 | | IATION | 14 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | IATIO | 14 | 00000000000000000000000000000000000000 |
| LATI | 0.20 | R RAD | 13 | | 0.20 | R RAD | _ | 0.588 0.774 0.777 0.83 | 0.20 | R RAD | 13 | 0.000 |
| 2 | ITY: | SOLA | \vdash | 00000000000000000000000000000000000000 | ITY: | SOLA | 12 | 0.0000000000000000000000000000000000000 | ITY: | SOL # | - | 0.41 0.53 0.63 0.65 0.65 0.71 0.74 |
| | ECTIV | OURLY | 11 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ECTIV | HOURLY | 11 | 00000000 | ECTIV | OURLY | _ | 0.58 |
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| 701 | HO: | ITH | 9 | 000000000 | : HO: | H | | 00000000 | . HO: | H | • | 00000000 |
| | HORIZ | SOUTH | ٠ | 000000000 | HORIZ | SOUTH | ξ, | | HORIZ | SOUTH | 3 | 00000000 |
| | 10 | TION: | • | | 11 | TION: | | 000000000 | 12 | TION: | | |
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| | 0.173 | DAILY TOTAL | RADIATION | WWAAAAAWW O'''''''''' SOWAAWVWQ | 0.169 | DAILY TOTAL | RADIATION | ֏֏৸৸৸৸৸৸৸ 2.0.4. 2.0 | 0.157 | DAILY TOTAL | RADIATION | 6666665 242665 242655 362426 |
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| TUDE | | IATIO | 4 | | | IATIO | 1 | 0.53 0.65 0.65 0.70 0.71 0.70 | | IATIO | 7 | 0.68 0.79 0.80 0.80 0.80 0.79 0.74 |
| LATI | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | | 0.20 | R RAD | | 0.90 |
| > | ITY: | SOLA | ~ | 00.000000000000000000000000000000000000 | ITY: | SOLA | | 47.000000000000000000000000000000000000 | ITY: | SOLA | 12 | |
| | ECTIV | HOURLY | | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | ECTIV | OURLY | 11 | | ECTIV | OURLY | 1 | 00.000000000000000000000000000000000000 |
| AS | REFLECT | I | 10 | | REFL | T | 10 | 0.593 0.659 0.710 0.710 | REFL | Ξ | 10 | 0.68 0.79 0.80 0.80 0.80 0.79 0.78 |
| S VEGA | | | 0 | 0 | | | | 844-00-00-00-00-00-00-00-00-00-00-00-00-0 | | | • | 000000000000000000000000000000000000000 |
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| | 7 | TION: | • | | ~ | TION: | 4 | | m | TION: | • | |
| | MONTH: | ORIENTATI | ; | 65000000000000000000000000000000000000 | MONTH: | ORIENTAL | ; | 225.00 225.00 225.00 225.00 225.00 | MONTH: | OPIENTATION | ; | 22000 22000 22000 22000 22000 22000 2000 2000 2000 |

| | 0.144 | Y TOTAL | DIATION | 7.57 5.67 5.64 5.53 | 1777 | 0.131 | Y TOTAL | IATION | \$8884-7-7-8-2 \$880-1-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7- | 0.125 | Y TOTAL | DIATION | 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | DAIL | RAD | | | | DAZL | RAD | | | DAIL | RAI | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | REFLECTIVI | OURLY | 11 | 0.00 | 7000 | REFLECTIVI' | HOURLY | > | HOURLY | HOURLY | HOURLY | HOURL | JRLY | JRLY | JRLY | JRLY | JRLY | JRLY | JRLY | JRLY | JRLY | JRLY | JRLY | JRLY | JRLY | JRLY | JRLY | JRLY | JRLY | JRLY | JRLY | JRLY | JRLY | JRLY | 11 | | CTIVI | URLY | 11 | 00000000 |
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| | MONTH: | ORIENTA | ; | 10.00 20.00 25.00 | 0000 | MONTH: | ORIENTA | • | 220.00 220.00 220.00 230.00 240.00 20.00 | MONTH: | ORIENTA | - | 25.00 25.00 25.00 25.00 60.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| 5 MINUTES |
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| • | 0.138 | DAILY TOTAL | RADIATION | 888777799 11.0804746 900494146 | 0.137 | DAILY TOTAL | RADIATION | 76777779 467777779 76777887 7677887 | 0.125 | DAILY TOTAL | RADIATION | 4047040 4047040 4047040 | | | | |
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| r : | 0 : 1 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | | | | |
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| | 0.137 | AILY TOTAL | RADIATION | 45044444 8404480 8404480 | 0.156 | AILY TOTAL | RADIATION | ************************************** | 0.168 | DAILY TOTAL | RADIATION | 200444466 |
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| * | ITY: | SOLA | 12 | 100000000 | ITY: | SOLA | 12 | •0•••• | ITY: | SOLA | ~ 1 | 00000000 |
| | LECTIV | HOURLY | 11 | 00000000 | ECTIV | HOURLY | 11 | 20000000 20000000 20000000000000000000 | FLECTIVI | HOURLY | 11 | 00000000 |
| EGAS | REFL | = | 10 | 1 00000000 | REFL | I | 10 | 00000000 | REFL | I | 16 | 00000000 |
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| | 0.178 | DAILY TOTAL | RADIATION | 000004444 6000000 6000000000 60000000000 | 0.175 | DAILY TOTAL | RADIATION | សង្គងស្សសស្ស | 0.164 | DAILY TOTAL | RADIATION | |
|----------|---------|-------------|------------|---|----------|-------------|-----------|---|----------|-------------|-----------|---|
| | KD: | | 20 | 000000000 | ΚĎ | | | 80909090 | ΚĎ | | 20 | 00000000 |
| TES | | | 19 | 000000000 | | | | 00000000 | | | 19 | 00000000 |
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| LATI | 0.20 | R RADI | 13 | | 0.20 | R RADI | 13 | 408004566 | 0.20 | R RAD | 13 | 20000c000 772000000000000000000000000000 |
| 2 | ITY: (| SOLAS | 12 | | •• | SOLAF | 12 | | <u>;</u> | S01.29 | - | 200000000 70000000000000000000000000000 |
| | 7 | OURLY | 11 | | ECTIVITY | HOURLY | 11 | | ECTIVI | HOURLY | Ξ | |
| ~ | REFLECT | Ī | 10 | | REFL | Ĭ | 10 | | REFL | Ī | 0 | 00000000 |
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| ų | | T 1 0 M | | COUNTRACT | | ION | • | | | NOI | • | |
| TUD | | ~ | | 100000000 | | IAT | | 00000000 | | IAT | | 00000000 |
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| | 0.125 | DAILY TOTAL | RADIATION | 888888886 647867 868868 8688 8688 868 | 0.125 | DAILY TOTAL | RADIATION | 7 7 8 8 8 8 8 8 9 7 7 7 8 8 8 8 8 8 8 8 | 0.125 | DAILY TOTAL | RADIATION | 6.39 7.77 7.78 7.96 7.96 7.58 7.58 |
|--------|--------|-------------|-----------|---|------------|-------------|-----------|--|----------|-------------|-----------|--|
| | KD: | | C I | 00000000 | KD: | | | 00000000 | ΚĎ: | | N | 00000000 |
| ES | | | 19 | | | | 19 | | | | 19 | 00000000 |
| MINUT | 62, | | 18 | | 60 | | 18 | | 87 | | 18 | |
| S 4 | 0.7 | | | 00.33 00.33 00.33 00.33 00.33 1.30 1.30 | 0.7 | | 17 | | 0.7 | | 17 | |
| EGREES | •• | | 16 | 00000000 0000000 00000000 000000000000 | | | 16 | | <u>:</u> | | 16 | |
| 40 DE | K | _ | 15 | | ¥ | _ | 15 | 0 . 75 0 . 77 0 . 77 0 . 76 0 . 76 0 . 76 0 . 76 | Ž | _ | 15 | 0.74 0.74 0.74 0.74 0.74 |
| TUDE | | IATION | | 0.947 0.937 0.938 0.938 0.938 | | TATION | 14 | | | TATION | 14 | |
| LATI | 0.20 | R RAD | 13 | | 0.20 | R RADI | 13 | | 0.20 | R RADI | 7 | 1.08 1.08 1.08 1.09 1.08 |
| > | ITY: (| SOLA | 12 | 0010111110000 | 1 TY: (| SOLAF | 12 | | ITY: (| SOLAF | 12 | 000000000000000000000000000000000000000 |
| | ECTIV | OURLY | 11 | | ECTIV | OURLY | 11 | | ECTIV] | OURLY | 11 | |
| ¥ | REFL | Ī | 10 | 0.000000000000000000000000000000000000 | REFL | Ī | 10 | | REFL | Ī | | 0.76 0.93 0.95 0.95 0.95 |
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| NOIL | 11.27 | | | 00.33 00.33 00.23 00.23 00.23 01.20 15 | 10.00 | | 7 | 00.25 00.25 00.25 00.25 00.25 00.25 | 8.12 | | 7 | 0.17 0.17 0.17 0.17 0.17 |
| LOCATI | . HO: | Ξ | 9 | 40000000 | H | Ξ | • | 0000000 0000000 00000000 | . HO: | = | | 00000000 |
| | HORIZ | SOUTI | 5 | 000000000 | HORIZ. | SOUTH | 'n | 000000000 | HORIZ. | SOUTH | 'n | 00000000 |
| | ~ | : NOI | | 00000000 | 6 0 | TION: | J | 00000000 | 6 | : NOI | 4 | 00000000 |
| | MONTH: | ORIENTAT | | 7117 10.00 20.00 35.00 55.00 50.00 | MONTH: | ORIENTAT | i | 60000000000000000000000000000000000000 | MONTH: | ORIENTAT | | 41[4 20.00 20.00 35.00 40.00 50.00 |

| | 0.125 | DAILY TOTA | RADIATION | 44.66.66.66.66.66.66.66.66.66.66.66.66.6 | 9.158 | DAILY TOTA | RADIAT ON | <i>นพล</i> ลลพพพพ พลพลต่ามพ <i>ะ</i> พลพลชพาผพ <i>ะ</i> | 0.174 | DAILY TOTA | RADIATION | 00mmm4444 0644-6-1040 2000-0000 |
|-------------|------------------|------------|-----------|--|---------------------|------------|-----------|--|------------|------------|-----------|---|
| | KD: | | 20 | 00000000 | ΚĐ | | 20 | 00000000 | KD: | | 20 | 000000000 |
| ITES | | | 19 | 00000000 | | | 19 | | | | 19 | |
| MINUTES | 750 | | 18 | 00000000 | 665 | | 18 | | 297 | | | 00000000 |
| \$ | 9 | | 17 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | 17 | 00000000 | 9. | | ~ | |
| DEGREE | :- | | 16 | 0 . 34 0 . 34 0 . 34 0 . 34 0 . 34 | ;. - | | 16 | | : : | | 16 | 00000000000000000000000000000000000000 |
| 40 0 | K | - | 15 | 4.0.0000000 | ¥ | 7 | 15 | | × | z : | 15 | |
| ITUDE | | IATIO | 14 | 80000000000000000000000000000000000000 | | IATIO | 14 | MANOGOVEV | | IATIO | 57 | |
| LATI | 0.20 | RRAD | 13 | | 0.20 | R RAD | 13 | 000000 84000 86000 70000 70000 70000 70000 | 0.20 | R RAD | - | 00000000000000000000000000000000000000 |
| > | TY: | SOLA | - | 0000111111 0000111111 0000000000000000 | ITY: | SOLA | 12 | 0.51 | ITY: | SOLA | 12 | 00000000000000000000000000000000000000 |
| | EFLECTIVI | HOURLY | 11 | 000001111 0000001111 00000000000000000 | ECTIV | HOURLY | 11 | 64.00 64 | ECTIV | HOURLY | 11 | 00000000000000000000000000000000000000 |
| Ų | REFLI | ₹ | | 00000000000000000000000000000000000000 | REFL | Ī | 10 | | REFL | Ï | 10 | 000000000 88488888888888888888888888888 |
| OVELOCK | | | • | 00000000000000000000000000000000000000 | | | • | 00000000 000000 0000444400 00000004 | | | • | 00000000000000000000000000000000000000 |
| 67 | 0 | | •• | 0.35 0.35 0.35 0.35 0.39 | | | •• | 0.00 | 7 | | | 00000000000000000000000000000000000000 |
| LOCATION | 6.10 | | 7 | 000000000000000000000000000000000000000 | 4.4 | | 7 | 00000000 | 3.7 | | 7 | 000000000 |
| 1007 | . HO: | Ξ | | 00000000 | . HO: | Ξ | • | 00000000 | . HO: | Ξ | 9 | |
| | HORIZ | SOUTH | 'n | 00000000 | HORIZ | SOUTH | ĸ | | HORIZ | SOUTH | 'n | 000000000 |
| | 10 | TION: | 4 | 00000000 | 11 | T10N: | | 00000000 | 12 | TION: | | 000000000 |
| | MONTH: | ORIENTA | į | 11.1 0.0 10.0 320.00 350.00 50.00 | MONTH: | ORIENTAL | į | 660 000 000 000 000 000 000 000 000 000 | MONTH: | ORIENTA | ; | 711.1 0.0 20.00 25.00 35.00 40.00 50.00 |

| | 0.180 | DAILY TOTAL | RADIATION | 0000004444 000000000000000000000000000 | 0.177 | DAILY TOTAL | RADIATION | 8444446 900 900 900 900 900 900 900 900 900 90 | 0.166 | DAILY TOTAL | RADIATION | NN 99 99 99 99 99 99 99 99 99 99 99 99 9 |
|-------------|--------|-------------|-----------|--|---------|-------------|-----------|--|------------|-------------|-----------|---|
| | KD: | | | | KÖ: | | 20 | 00000000 | Š | | 20 | 00000000 |
| res | | | _ | | | | | 00000000 | | | | 00000000 |
| MINUT | 556 | | ~ | 00000000 | 576 | | | | 632 | | 18 | 000000000 |
| 5 30 | 9 | | 17 | 000000000 | | | 17 | 0000000 0000000 0000000 | | | 17 | |
| GREE | •• | | 16 | | | | 16 | 00.22 00.22 00.22 00.22 00.22 00.22 | : : | | 16 | 00000000 00000000000000000000000000000 |
| 39 DE | K | | - | 00000000 00000000000000000000000000 | × | | 15 | 0000000 0000000 0044444 000000000 | K | | 15 | 00000000 44000000000 840000000000000000 |
| UDE | | ATION | 14 | 1 000000000000000000000000000000000000 | | ATION | _ | 0000000 4444 444 | | ATION | 14 | 0 . 7 3 0 . 7 4 0 . 7 4 0 . 7 4 0 . 7 3 |
| LATITUD | .20 | RADI | 13 | ቁቁስኒያውውውው ጣውቅውጣፋኒያ 28 | .20 | RADI | 13 | 0.53 0.66 0.66 0.72 0.73 0.73 | .20 | RADI | 13 | 00000000000000000000000000000000000000 |
| > | TY: 0 | SOLAR | N | 1 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | TY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | 00.000 |
| | CTIVI | HOURLY | 11 | 0000000 440000000 440000000 | CTIVI | URLY | 11 | · · · · | CTIVI | OURLY | | 00.70 |
| | REFLE | H | 10 | | REFLE | 9 | 10 | | REFLE | H | 10 | 0.74 0.74 0.74 0.74 0.74 |
| <u> </u> | | | 6 | 00000000000000000000000000000000000000 | | | 6 | 00000000000000000000000000000000000000 | | | ٥ | |
| RENO | | | ∞ | 00.000000000000000000000000000000000000 | | | •• | 00000000000000000000000000000000000000 | | | | 00.37 |
| OCATION | 4.54 | | 7 | 00000000 | 6.29 | | | 00000000 0000000 000000000000000000000 | 8.22 | | ~ | |
| 1007 | . HO: | Ξ | | 00000000 | . HO : | E | | 00000000 | . H0: | . | • | 000000000000000000000000000000000000000 |
| | HORIZ | SOUT | | 00000000 | HORIZ | SOUTH | 'n | 00000000 | HORIZ. | SOUTI | ī, | 00000000 |
| | _ | : NOI | | 00000000 | ~ | : NOI | 4 | 00000000 | ~ | : NOI | . | 00000000 |
| | MCNTH: | ORIENTAT | | 7111 10.00 220.00 30.00 40.00 60.00 | MONTH: | ORIENTAT | i | 110 100 100 200 300 200 200 200 200 200 200 200 | MONTH: | ORIENTAT | | 7117 0.0 20.0 20.00 35.00 40.00 60.00 |

| | 0.156 | DAILY TOTAL | RADIATION | 6667777776 7.2219 66.936 66.933 | 0.147 | DAILY TOTAL | RADIATION | と8777798 955989411.38 95598944598 | 0.136 | DAILY TOTAL | RALIATION | 888867778 879746977 879746977 87974697 |
|----------|--------|-------------|------------|---|--------|-------------|-----------|---|--------|-------------|-----------|---|
| | χ Ω | | 20 | 00000000 | KD: | | 20 | 00000000 | KD: | | | |
| ES | | | | 00000000 | | | 19 | | | | | 0000000 |
| MINUT | 73 | | 18 | 00000000 | 0.5 | | 18 | | 27 | | 18 | 00.00 |
| 30 | 9.0 | | 17 | 00000000000000000000000000000000000000 | 0.7 | | 17 | | 0.7 | | 17 | 00.35 00.28 00.26 01.26 11.94 |
| EGREES | | | 16 | | •• | | 16 | 0.00000 0.00000 0.000444 0.00004 | ·• | | 16 | 000000 00000 00000 00000 00000 00000 |
| 39 DE | KT | | 15 | | ¥ | _ | 15 | 0.71 0.72 0.72 0.69 0.68 0.65 | X | _ | 15 | 0.75 0.75 0.75 0.73 0.67 0.60 0.60 |
| JON. | | ATION | 14 | | | ATION | 14 | | | ATION | 14 | 0 . 8 8 9 0 0 . 9 9 1 0 . 9 9 1 0 0 . 9 9 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| LATITUD | .20 | RADI | ~ | 460000000000000000000000000000000000000 | .20 | RADI | 13 | 00.997 00.997 00.997 00.995 00.995 | .20 | RADI | 13 | |
| > * | TY: 0 | SOLAR | 12 | 00.00 00 | ITY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | 000000000 |
| | ECTIVI | OURLY | 11 | 20000000000000000000000000000000000000 | ECTIV] | OURLY | 11 | 0.93 0.95 0.95 0.95 0.95 0.95 0.95 | ECTIVI | OURL Y | 7 | 0.98 1.00 1.00 1.00 0.98 0.98 0.93 |
| | REFLE | Ĭ | 10 | | REFLI | Ĭ | 10 | | REFL | Ĭ | 10 | 80000000000000 |
| ENO | | | | 000000000 00000000 | | | σ. | 0.72 0.72 0.72 0.68 0.68 0.65 0.65 0.53 | | | 6 | |
| RE | ~ | | * O | 000000000 4444444 466NN4W06 | 6 | | ∞ | 00000000000000000000000000000000000000 | _ | | • | 00000000 00000000 00000000 000000000 |
| LOCATION | 10.1 | | | 000000000 | 11.2 | | ^ | 00.23 00.25 00.25 00.25 00.13 | 11.7 | | 7 | 0.33 0.33 0.28 0.26 0.26 0.19 0.13 |
| 1001 | . HO: | Ξ | 9 | 000000000 00000000 000000000 | . HO: | Ξ | _ | 0.13 0.08 0.07 0.05 0.06 0.06 | . HO: | 폰 | 9 | 0.00 |
| | HORIZ | SOUT | Ŋ | | HORIZ | SOUT | ĸ | 0.010.0 | HORIZ | SOUTH | 2 | 0.0010000000000000000000000000000000000 |
| | • | :NOI | J | 00000000 | N. | :NOI | | 00000000 | 9 | :NOI. | | |
| | MONTH: | ORIENTAT | ; | 71[1 20.00 30.00 40.00 60.00 60.00 | MONTH: | ORIENTAT | i | 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | MONTH: | DRIENTAT | _ | 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 |

| | 0.125 | AILY TOTAL | RADIATION | 8888887777 454777777 8888748408 | 0.125 | AILY TOTAL | RADIATION | 77.000007.77.000007.77.000007.77.000007.77.000007.70.00007.70.000007.70.00007.70.000007.70.000007.70.000007.70.000007.70.000007.70.00007.70.000007.70.00007.70.00007.70.00007.70.00007.70.00007.70.00007.70.00007.70.00007.70.00007.70.00007.70.00007.70.00007.70.00007.70.00007.70.00007.70.00007.70.00007.70.00007.70.000007.70.000007.70.00007.70.00007.70.00007.70.00007.70.00007.70.00007.70.000007.70.00007.70.00007.70.00007.70.00007.70.00007.70.00007.70.000007.70.00007.70.00007.70.00007.70.00007.70.00007.70.00007.70.000007.70.00007.70.00007.70.00007.70.00007.70.00007.70.00007.70.000007.70.00007.70.00007.70.00007.70.00007.70.00007.70.00007.70.000007.70.00007.70.00007.70.00007.70.00007.70.00007.70.00007.70.000007.70.00007.70.00007.70.00007.70.00007.70.00007.70.00007.70.00007.70.00007.70.00007.70.00007.70.00007.70.00007.70.00007.70.000007.70.00007.70.00007.70.00007.70.00007.70.00007.70.00007.70.000007.70.00007.70.00007.70.00007.70.00007.70.000007.70.000007.70.000007.70.00007.70.000007.70.00007.70.00007.70.000007.70.000007.70 | 0.125 | AILY TOTAL | RADIATION | 0.000000000000000000000000000000000000 |
|----------|--------|------------|-----------|---|---------|------------|-----------|--|--------|------------|-----------|--|
| | KD: | Ω | | 00000000 | KD: | Ω. | 20 | 00000000 | ë | A | 20 | 00000000 |
| ES | | | 19 | | | | 19 | 00000000 | | | 19 | |
| MINUTES | 2 | | 80 | 440000000 | 9 | | 18 | 0000000 000000000000000000000000000000 | 6 | | 18 | 00000000 |
| 30 6 | 0.75 | | 17 | | 0.75 | | 17 | 2222222 22222221 2222221 2222221 2222222 | 0.76 | | 17 | |
| GREES | | | <u></u> | | | | 1 | 40000748 644000749 | | | 16 | |
| 9 DE | KT: | | | | × | | 15 | 0 W 4 4 4 W W 8 M | KT: | | 15 | |
| JDE 3 | | TION | 14 | 1 | | ATION | 14 | | | TION | ~ | |
| LATITUDE | .20 | AR RADIAT | 13 | | .20 | RADI/ | 13 | 0.93 0.93 0.93 0.93 0.93 0.93 0.93 0.93 | 20 | RADIA | 13 | |
| - > | TY: 0. | SOLAR | 12 | 1 000000000000000000000000000000000000 | TY: 0. | SOLAR | 12 | 80000000 | TY: 0. | SOLAR | 12 | |
| _ | IVI | OURLY ! | 11 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ECT IVI | HOURLY | 11 | \$9000000 \$90000000000000000000000000000 | ECTIVI | OURLY : | 11 | 80000000 80000000 80000000 |
| | REFLEC | Ħ | 10 | 1 48 9 9 9 8 8 V 1 V 1 V 1 V 1 V 1 V 1 V 1 V 1 V 1 | REFLE | H | 10 | 80000000000000000000000000000000000000 | REFLE | HOH | 10 | |
| 0 | | | ۰ | 040040 | | | ٥ | 00.00 00 | _ | | 6 | 60 4 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| RENO | | | •• | Ivanudovaa | | | | 0000000 400000444 90000746 | | | | 00000 W444444444444444444444444444444444444 |
| LOCATION | 11.28 | | ^ | 00000000000000000000000000000000000000 | 10.04 | | | 00000000000000000000000000000000000000 | 8.18 | | 7 | 00.15 |
| LOCA | HO | Ŧ | | 00000000000000000000000000000000000000 | H0: | Ŧ | • | 000000 00000 00000 00000 00000 | H0: | x | • | |
| | HORIZ. | SOUT | | 000000000 | HORIZ. | SOUTH | ŗŲ | 00000000 | HORIZ. | SOUTH | | 000000000 |
| | ^ | ION: | 4 | 00000000 | •• | TION: | • | 00000000 | • | ION: | | 000000000 |
| | MONTH: | ORIENTAT | í | 11 225 226 326 326 526 626 636 636 636 636 636 636 636 636 6 | MONTH: | ORIENTAT | : | 220.00 220.00 320.00 560.00 60.00 | MONTH: | ORIENTAL | ; | 25.00 25.00 35.00 36.00 56.00 60.00 |

| | 0.135 | DAILY TOTAL | RADIATION | \$ W W W W W W W W W W W W W W W W W W W | 0.164 | DAILY TOTAL | RADIATION | 0 2 2 4 4 4 4 2 2 2 2 2 2 2 2 2 2 2 2 2 | 0.177 | DAILY TOTAL | RADIATION | 00000000444 00000000000000000000000000 |
|----------|--------|-------------|-----------|---|--------|-------------|-----------|--|----------|-------------|-----------|---|
| | ¥0. | | 20 | 00000000 | KD: | | | 00000000 | ξ | | 20 | 00000000 |
| TES | | | 19 | 00000000 | | | 19 | | | | 19 | 00000000 |
| MINUT | 729 | | P-4 | | 639 | | 18 | 000000000 | 575 | | 138 | 00000000 |
| 5 30 | | | 17 | 00000000 00000000 | | | 7 | 00000000 | 9 | | 17 | 00000000 |
| EGREE | Ë | | 16 | 00000000 | 1: | | 16 | 00000000 | <u>:</u> | | 16 | 00000000 |
| 39 D | × | z | - | 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | × | z | 15 | 00000000 | ¥ | <u>z</u> | 15 | 0.322 |
| TUDE | | IATIO | 14 | 1 | | IATIO | 14 | 100000000 | | IATIO | 14 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| LATI | 0.20 | R RAD | | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 0.20 | R RAD | 13 | 00000000 | 0.20 | R RAD | 13 | |
| >N | ITY: | SOLA | 12 | 100000 | ITY: | SOLA | 12 | 0.50 | ITY: | SOLA | 12 | 0.52 |
| | ECTIV | OURLY | 11 | 000000000 | ECTIVI | OURLY | 11 | | ECTIV | OURLY | 11 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| | REFL | I | 10 | | REFL | Ξ | 10 | | REFL | Ι | 10 | |
| ENO | | | 6 | | | | 6 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | Φ | 0.0000000000000000000000000000000000000 |
| 84 | 6 | | •• | 1 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | 0 | | ∞ | 0.00 0.11 0.11 0.11 0.12 0.12 0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.13 | 7 | | •0 | 0.0000000000000000000000000000000000000 |
| LOCATION | 6.1 | | | 00000000 00000000 | 4.5 | | 7 | | 3.8 | | | 000000000 |
| 100 | . HO: | Ŧ | | | . HÖ.: | TH. | | | . HO: | 00TH | | |
| | HORIZ | SOUT | | | HORIZ | SOUT | | 00000000 | HORIZ | 000 | | |
| | 10 | TION: | | | 11 | TION: | | | 12 | TION: | | |
| | MONTH: | ORIENTA | | 225.00 320.00 35.00 50.00 60.00 | MONTH: | ORIENTA | ; | 500 500 500 500 600 600 600 600 600 600 | MONTH: | ORIENTA | i | 10.00 20.00 25.00 35.00 40.00 60.00 |

| 4 MINUTES |
|------------|
| 38 DEGREES |
| LATITUDE |
| 2 |
| TONOPAH |
| LOCATION |

| | 0.173 | DAILY TOTAL | RADIATION | 0w4444400 6000000000000000000000000000000 | 0.170 | DAILY TOTAL | RADIATION | 4400000000 040040000 000000000 | 0.157 | DAILY TOTAL | RADIATION | 66.55 66.55 66.55 66.55 70 70 70 70 70 70 |
|-------------|---------|-------------|-----------|--|---------|-------------|-----------|--|---------|----------------|-----------|---|
| | KD: | | 20 | | KD: | | 20 | 00000000 | Ϋ́ | | 20 | 00000000 |
| res | | | | 00000000 | | | 19 | 00000000 | | | 19 | 00000000 |
| DNIE | 505 | | | 00000000 | 117 | | 18 | | 899 | | 18 | |
| * | 9.0 | | 17 | | 9.0 | | 17 | 00000000 | 9.0 | | 17 | AAAAAAAA |
| SREES | •• | | 16 | 00.13 00.13 00.23 00.23 | •• | | 16 | กลุดพพพพพพ | | | 16 | |
| 38 DE | X | | 15 | | K | | 15 | | K T | | 15 | 00.00 00 |
| TUDE | | ATION | 14 | 8 4 k k k k k k k k k k k k k k k k k k | | ATION | | | | ATION | 14 | |
| LATIT | .20 | RADI | 13 | 40000000 | .20 | RADI | 13 | 872777877 87277887 | .20 | RADI | 13 | |
| > | TY: 0 | SOLAR | 12 | 45000000 | TY: 0 | SOLAR | 12 | 0 C C C 00 00 00 00 00 | TY: 0 | SOLAR | 12 | K00000000 |
| | ECTIVI | HOURLY | | 0.46 0.56 0.63 0.72 0.72 0.74 | ECTIVI | HOURLY | | Nov | CTIVI | URLY | | 00.30 0.30 0.30 0.30 0.30 0.83 |
| | REFLE | 유 | ~ | WANUNAAAA | REFLE | 웊 | 10 | | REFLE | HO | 0 | 0.78 0.79 0.78 0.79 0.79 |
| NOPAH | | | 6 | 000000 000000 000000 000000 000000 | | | 6 | 00.37 00.43 00.52 00.53 0.54 6.55 | | | • | 00.62 00.62 00.62 00.62 00.53 |
| 201 | | | •• | | | | €0 | 0.21 0.27 0.27 0.30 0.32 0.32 0.33 | | | | 00000000000000000000000000000000000000 |
| LION | 4.78 | | i | 0000000 | 6.51 | | | 0.05 0.05 0.05 0.05 0.05 0.07 | 8.39 | | ~ | 00.15 00.15 00.16 00.15 00.15 |
| LOCAT | HO: | <u>=</u> | ļ | | HQ: | <u>=</u> | 9 | 00000000 | HO: | , = | | |
| | HORIZ | SOUTH | 1 | | HORIZ. | SOUTH | N. | | HORIZ. | SGUTH | 1 | 000000000 |
| | - | :NOI | | 00000000 | 2 | ION: | 5 | 00000000 | m | NOI | | 00000000 |
| | MONTH: | ORIENTAT | - | 220.00 320.00 320.00 50.00 | MONTH: | ORIENTATIO | - | 220.00 220.00 220.00 220.00 20.00 60.00 | MONTH: | ORIENTATION | - | 10.00 20.00 30.00 45.00 50.00 |

| | 0.150 | DAILY TOTAL | RADIATION | 77777 7777 7777 7777 777 777 777 777 7 | 0.140 | DAILY TOTAL | RADIATION | 56777333 5677733 56725 5675 5675 5675 5675 5675 5675 567 | 0.125 | DAILY TOTAL | RADIATION | 88888 7.50 7.50 8.33 8.74 8.00 8.00 8.00 |
|---------|--------|-------------|---|---|--------|-------------|-----------|---|--------|-------------|-----------|--|
| | KD: | | 2 | 00000000 | KD: | | 20 | 00000000 | KD: | | | |
| ES | | | 19 | 0000000 | | | 19 | | | | 19 | 00.000000000000000000000000000000000000 |
| MINUT | 96 | | | 0000000 000000 00000000 | 119 | | 18 | | 51 | | - | 0.16 0.13 0.00 0.00 0.00 0.00 0.00 0.00 |
| S 4 | 9.0 | | 17 | | 0.7 | | 17 | 0.34 0.232 0.24 0.224 0.188 0.188 | 0.7 | | 17 | 00.32 |
| EGREES | ÷ | | 16 | | Ŀ | | 16 | UUUUU | Ŀ | | 16 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 |
| 38 DI | ⊽ | 7 | 15 | 00000000 0000000 0000000 0000000 | ¥ | z | 15 | 0.73 0.73 0.72 0.68 0.68 0.68 | ¥ | z | 15 | 0.78 0.77 0.73 0.73 0.68 0.61 |
| TUDE | | IATION | | | | IATION | 14 | | | IATION | _ | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 |
| LATI | 0.20 | R RADI | 13 | | 0.20 | R RAD | | | 0.20 | R RAD | 13 | 0.03 0.99 0.988 0.788 |
| > | ITY: | SOLAI | 12 | | ITY: | SOLA | 12 | 0.99 1.023 1.023 1.023 0.93 0.93 | ITY: | SOLA | 2 | 0.1001 |
| | ECTIV | OURLY | ======================================= | # 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ECTIV | OURLY | 11 | | ECTIV | HOURLY | - | 1.02 1.03 1.03 1.03 1.03 1.03 1.03 1.03 1.03 |
| | REFL | Ī | 0 | 00.00 00 | REFL | I | 10 | 200 200 200 200 200 200 200 200 200 200 | REFL | I | 10 | 00000000000000000000000000000000000000 |
| ONOPAH | | | 6 | 00000000 | | | | 0.73 0.73 0.72 0.66 0.66 0.66 | | | 0 | 0.78 0.78 0.77 0.73 0.73 0.73 0.68 |
| - | 6 | | •0 | 000000000000000000000000000000000000000 | 0 | | •0 | 00000000 | 0 | | • | 00000000000000000000000000000000000000 |
| OCALION | 10.1 | | 7 | 000000000000000000000000000000000000000 | 11.3 | | 7 | 00000000 | 11.7 | | 7 | 000000000000000000000000000000000000000 |
| 100 | . HO: | H | • | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | : HO: | HE | 9 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | . HÖ: | H | 9 | 000000000000000000000000000000000000000 |
| | HORIZ | SOUT | | 000000000 | HORIZ | SOUTH | | | HORIZ | SOUTH | ī | 00000000 |
| | ¥ | TION: | | 00000000 | 7 | TION: | | 00000000 | 9 | TION: | | 00000000 |
| | MONTH: | ORIENTA | ; | -11- -10-00 -00-00 -00-00 -00-00 -00-00 | MCNTH: | ORIENTA | i | 220.00 220.00 220.00 220.00 220.00 | MONTH: | ORIENTA | ; | -11- -00.00 -00.00 -00.00 -00.00 -00.00 -00.00 |

| | 0.125 | AILY TOTAL | RADIATION | 66 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 0.125 | MILY TOTAL | RADIATION | 7.00 88.10 70.00 70.77 6.73 6.33 | 0.125 | AILY TOTAL | RADIATION | 64 77.05 77.05 77.08 77.08 84 |
|----------|--------|------------|-----------|--|--------|------------|-----------|---|--------|------------|-----------|--|
| | KD: | Ω | | 00000000 | KD: | | 20 | 00000000 | KD: | | 20 | 00000000 |
| ES | | | 13 | | | | | 00000000 | | | 19 | 00000000 |
| MINUTES | 55 | | 18 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 09 | | 18 | 00000000 | 72 | | 18 | |
| 4 | 0.7 | | 17 | 1282528933 | 0.7 | | 17 | 52525256 | 0.7 | | 17 | 11777772 |
| GREES | | | 16 | 1 | | | - | 00000000000000000000000000000000000000 | | | 16 | W4444444 804566550 |
| 8 DE | X | | 15 | 1 1 1 1 1 1 1 1 1 1 1 1 1 | KT: | | j | | KT | | 15 | 04777776 047777770 047777770 |
| ude 3 | | ATION | 14 | 1 | | TION | 51 | | | TION | 14 | |
| ATITU | 20 | RADIA | m | | 20 | RADIA | 13 | | 20 | RADIA | 13 | 1 |
| N > | TY: 0. | OLAR | 12 | 1 | TY: 0. | OLAR | _ | | TY: 0. | OLAR | 12 | 1 |
| z | IVI | RLY S | н | | IVI | OURLY S | 11 | | IVI | OURLY S | 11 | |
| | EFLECT | HOUR | 10 | | EFLEC' | НОП | 10 | | EFLECT | HON | 10 | 1 |
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| HOI. | 1.29 | | 7 | 22.00000000000000000000000000000000000 | 0.12 | | | 22.22.25.00 22.22.20 22.22.20 11.22.20 | 8.35 | | ~ | 11.00 11.00 11.00 11.00 11.00 11.00 |
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| | 0.126 | DAILY TOTAL | RADIATION | 66.55 66.55 66.55 66.55 66.55 66.55 7.25 7.25 7.25 | 0.153 | DAILY TOTAL | RADIATION | 8448888888 867688888 8488888 | 0.166 | DAILY TOTAL | RADIATION | 28844444 98644 98644 148467 |
|-------------|--------|-------------|-----------|--|--------|-------------|-----------|---|--------|-------------|-----------|--|
| | KD: | | 20 | | ΚĎ | | 20 | 0000000 | KD: | | 20 | 00000000 |
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| MINUT | 748 | | i | | 685 | | 18 | 000000000 | 633 | | | 00000000 |
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| 38 D | ¥ | z | 15 | 1 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 | ~ | z | 15 | 82.0 0 .24.0 0 .24.0 0 .00.0 0 .00.0 | ¥ | z . | 15 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| TITUDE | | AT10 | 7 | 0.61 | | IATIO | 14 | 0.53 0.65 0.65 0.66 0.72 0.74 0.78 | | IATIO | 14 | 2000 2000 2000 2000 2000 2000 2000 200 |
| LATI | 0.20 | R RADI | - | 1 | 0.20 | RRAD | 13 | 0.54 0.64 0.74 0.85 0.85 0.90 0.90 | 0.20 | R RAD | 1.7 | 0.54 0.54 0.63 0.71 0.74 0.80 0.80 |
| > | ITY: | SOLA | 12 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ITY: | SOLA | - | 00000000 | ITY: | SOLA | 12 | 0.50 0.00 0.00 0.00 0.00 0.00 0.00 0.00 |
| | ECTIV | HOURLY | 11 | 00000 | ECTIV | OURLY | 11 | 00000000 | ECTIV | HOURLY | 11 | 00000000 |
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| | 10 | TION: | | | 11 | : NOI: | | | 12 | TION: | | 00000000 |
| | MONTH: | ORIENTATION | | 7111 1000 220.00 230.00 330.00 60.00 | MONTH: | ORIENTA | | 250.00 250.00 350.00 450.00 60.00 | MONTH: | ORIENTA | ; | 25.00 25.00 35.00 50.00 50.00 60.00 |

| | 0.187 | DAILY TOTAL | RADIATION | 2.18 | 97 | 4.2 | 9 | 40 40 | 6.183 | DAILY TOTAL | RADIATION | | V. | ٠, | , w | rj n | 4 6 |) | 0.177 | DAILY TOTAL | RADIATION | ዹኯኯኯኯኯኯኯኯኯ ቕ፞፞፞፞ዼዀዹ፞ኯ፟ኯ፟ኯ፟ኯ፟ ዹ፞፞፞ዻ፝፞፞ዾኍ፟ዾጜ፟፟ጜጜዹዼዼ |
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| \$6 | 9.5 | | 17 | 00 | | ٠ | | | 0.5 | | | 1 | 0.0 | 0.6 | ? 0 | 0.6 | 900 | • | 6.5 | | 17 | |
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| | _ | :NOI | | 00 | • | | | | ^ | | | • | • | • - | | | 900 | • | m | : NOI. | | 00000000 |
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| MONTH: | • | KORIZ. | Š. | 10 | 20. | | | REF | EFLECT) | IM | 1Y: 0 | .20 | | × | <u>:</u> | • | .619 | | | KD: | 0.16 |
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| 0,6 | ٠ | • | 0, 5 | o e | e e Me | ر در در | Ni ۸ | vi | e) c | ~, W | * 0 * | * | | من ح | . · · · · | | e | N L | • | • | |
| 90. | | | • | | 2 23 V N | ودع ال حود ا | • | | 9 | ٠. | ģ | •0 | | 9 | 0 | | 6 | ٠. | • • | | ij |
| 0.0 | ٠ | • | • | • | 6 | ~; | 91 | 1 | • | 4, | €, | • | 7 | 4 | 4. | | • | ~ r | | • | ١١٧ |
| v = | ٠ | • | 9 0 | - | 0 و | 4 G | Ų r. | | o | 3 N | φ ec | 10 | - | Ü | - 0 | 9 | , 0 | n m | ٠. | ٠. | 'n |
| 20.03 | 00 | 00 | 0.0 | 00 | , C L | 17.4 | 25.0 | 0 | 0 | 790 | 1001 | 0.79 | 0.70 | 50.0 | 06 | | 20 | 000 | 06 | 00 | 6.03 |
| | • | • | • | • | • | , | • | | ; | , | : | : | • | | • | • | , |) | • | , |) |
| MONTH: | 8 | HORIZ. | 9 | 11. | 23 | | | REFL | ECT | IVIT | TY: 0 | .20 | | ¥ | : | • | .661 | | | KD: | 0.15 |
| ORIENTATI | r I ON: | SOUTI | I | | | | | _ | HOURLY | S | OLAR | RADI | AT 10 | z | | | | | | | DAILY 101 |
| | • | 10 | • | 7 | | | • | 10 | ~ | _ | 12 | 13 | ~ | | | 17 | ~ | # 0 | _ | 20 | RADIATIO |
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| 5.0 | ٠ | 0.6 | 0,6 | e. c | 40 | 4 4 | 9,4 | | | * 0 * | €. « | •0 × | i. | | 4.4 | | 0 | . · | 00 | • • | - × |
| 20.00 | 9 0 | 0.0 | 0.0 | ٠ ت | 90 | 260 | 0.57 | | 20 | | | | 0.72 | 0.57 | | | | 3 | 50.0 | 0 | 6.28 |
| e e | • | • | . | | ر ا | 5 | 'n | • | | • | • | • | • | | ? • | | 9 | t | • | • | • |
| MONTH: | • | HORIZ. | 9 | 11. | 72 | | | REF | LECTI | Z | 1Y: 0 | .20 | | ₩ | <u>:-</u> | • | .691 | | | ë | 0.15 |
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| 54 MINUTES | |
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| 40 DEGREES | |
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| | 0.125 | DAILY TOTAL | RADIATION | សសសសស 4.មាម ភ្នំ ភូមិ ភូមិ ស្វា ភូមិ ភូមិ ស្វា ភូមិ ស្វា ភូមិ | HOM | 0.128 | DAILY TOTAL | RADIATION | | 0.125 | DAILY TOTAL | RADIATION | 66.01 77.56.33 77.56.33 77.56.33 77.56.33 |
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| res | | | | 000000 | | | | 19 | 00000000 | | | 19 | 00000000 |
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| EGREES | <u>:</u> : | | 16 | 999999 500000 5000000000000000000000000 | J. 4. 4. W. | : | | 16 | | <i>:</i> • | | 16 | |
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| LATI | 0.20 | R RADI | 13 | 90000000000000000000000000000000000000 | . c. c. c. | 0.20 | R RADI | m 1 | | 0.20 | R RAD | 13 | |
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| 2 | VITY: | SOL | ~ | 0.6 | ~• | . 6 | 6.0 | 6.6 | 0 | 6.0 | i | /ITY: | SOL | 12 | 1 1 | . . | 9.0 | 9.0 | 9 6.7 | | | vITY: | sot | 12 | r.J. r.J. r.J. | 9999 |
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| UCCA | REFL | - | 10 | 1 5 | 9.0 | | | 00 | . •0 | 0 | | ₹EF | _ | 10 | | | .5 | 0 | 90 | 9.0 | 9 | RET | _ | 10 | SPAGE | 0000 4 10 10 10 |
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| | 0.173 | DAILY TOTAL | RADIATION | 0. | 3.63 | | 91 | · 6. | | - | 0.174 | DAILY TOTAL | RADIATION | • | ט יכ | 0. | ٦.٣ | . 4 | 5.52 5.72 | , 4 | 0.161 | DAILY TOTAL | RADIATION | 5.00.00 5.00.00 5.00.00 5.00.00 | نتنن | . o |
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| | KD: | | 62 | | 0.0 | | • | | • | • | KD: | | 20 | ı | • • | • | • | | 0.5 | • • | KD: | | 20 | 00000 | | |
| rES | | | | 0.0 | • | • • | ٠ | | • | • | | | 19 | 1 | • | | ٠ | • • | 0.0 | • • | | | 19 | 00000 | | • • |
| MINUT | 909 | | | | 0.0 | | • | | ٠ | • | 0.1 | | 13 | • | • | | ٠ | | 0.0 | | 53 | | | | | 0.0 |
| 57 | 9.0 | | | | 00 | • • | ٠ | | • | • | 9.0 | | 17 | ! < | . c | 0. | | | 0.07 | | 9.0 | | 17 | - | | 7.7. |
| GREES | •• | | 16 | 0.11 | | - | ώı | in | Sic | Ä | •• | | 16 | 1 | iv | ij | ٧M | . w | 0.31 | ייי. | •• | | 16 | wwwiji | u ini | ww |
| 36 DE | X | | 15 | į «į | m 6 0 | | 4 | 7.5 | 4. | Ą | KT | | 15 | 1 ' | 7.4 | * | a, n | Ĵη | 0.52 | | K | | 15 | | 9.99 | iù iù |
| UDE | | ATION | | 14 | • | ואו | \$ | ب ہ | 9 | o. | | ATION | 4 | 1 1 | Ůπ | 9 | <u>ب</u> و | . 6 | 0.68 | 9 | | ATION | | 91.11 | , | 1.1 |
| LATIT | .20 | RADI | | | | 9 | ٠,۲ | `` | ~! | `. | .20 | RADI | 13 | 1 | ب د | | `. | `. | 0.78 | | .20 | RADI | 13 | 0.81 | S 60 60 | ∞ ∞ |
| 2 | TY: 0 | SOLAR | -1 | .5 | 0.60 | | ., | ٠,١٠ | ∞. | ×o. | TY: 0 | SOLAR | 12 | ! ` | ه م | . `. | ٠,٢ | · « | 18.0 | . 60 | TY: 0 | SOLAR | 12 | 0.34 | 200 | <u>δ</u> . |
| | ECTIVI | OURLY | 11 | 16. | 0.57 | ع ب | Ċı | ``: | 17.1 | `. | CTIVI | URLY | 11 | | ח ע | | ٠. r | : '`: | 0.78 | | CTIVI | URLY | 11 | | 0 00 00 | , ∞ |
| ATS | REFLE | 유 | 10 | | | , _r | 9. | 9 | 9 | ٥. | REFLE | H | | 1 1 | نَّد | S | 9.4 | 9.9 | 0.68 | 9.9 | REFLE | HO | | 01111 | ,,, | ~~ |
| CA FL | | | Φ. | 1 . | 9.33 | | 4. | * 4 | ٠. | ċ | | | 6 | ! * | ٠ م | • | 4. R | Ĵ'n | 0.52 | نبن | | | 6 | 0.52 0.58 0.59 | 0 0 0 | יה'יט' |
| YUC | | | ∞ | | 0.14 | • | S, C | 72 | 12 | 7 | | | • | (| 'n | | N M | . ייי | 0.31 | . w. | | | €0 | 0.36 0.36 0.36 0.36 | SWE | WW |
| TION | 4.97 | | ^ | - | 6 6 6 | | • | | • | • | 6.68 | | 7 | ! 4 | D, C | 0 | ۰. | | 0.07 | | 8.51 | | 7 | 0.15 0.15 0.15 | | 77. |
| LOCAT | . HO: | æ | • | | 00 | | • | | | • | . HO: | × | • | 1 | • | | ٠ | • • | 0.0 | | F0: | <u>.</u> | | 00000 | | 0.0 |
| | HORIZ. | SOUTH | | | 00 | ٠. | ٠ | ٠. | | • | HORIZ | SOUTH | | ŧ | ٠ | • • | • | | 0.0 | | HORIZ. | SOUTH | Ŋ | 0000 | | |
| | _ | : NOI | | 0.0 | | | ٠ | | • | | ~ | ION: | | t | ٠ | • • | • | | 0.0 | • • | m | :NOI | • | 0000 | | |
| | MONTH: | ORIENTAT | - | 7ILT 0.0 | • | 5.0 | 0.0 | 0 | 0.0 | D . | MONTH: | ORIENTAT | | _ | | 0.0 | ر و و | . o. | 6 | . . . | YONTH: | ORIENTAT | - | 10.00 20.00 25.00 | 01.0 | 200 |

| | 0.151 | DAILY TOTAL | RADIATION | 77.709 77.435 77.740 77.21 6.68 6.68 | 0.140 | DAILY TOTAL | RADIATION | 88877778 67.7778 56.577778 7.5687777 | 0.131 | DAILY TOTAL | RADIATION | 88888666666666666666666666666666666666 |
|----------|--------|-------------|---------------|---|--------|-------------|-----------|---|------------|-------------|-----------|---|
| | KD: | | 2 | 00000000 | KD: | | 20 | | KD: | | ~ | 00000000 |
| ES | | | - | 00000000 | | | 19 | | | | - | |
| MINUT | 16 | | 18 | 00000000 0000000 000000000000000000000 | 18 | | 138 | 0.12 0.08 0.08 0.06 0.06 0.06 0.06 | 138 | | 18 | 000000000000000000000000000000000000000 |
| 57 | 9.0 | | 17 | 00000000000000000000000000000000000000 | 0.7 | | | 0 33 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | 0.7 | | 7 | 0.37 0.23 0.22 0.22 0.12 |
| EGREES | ·• | | 16 | 000000 440000 744000 844000 840000 | • | | 16 | 00.00 00 | •• | | - | 00.000. |
| 36 DE | ¥ | _ | 15 | 00000000000000000000000000000000000000 | X | - | 15 | 0.73 0.73 0.73 0.68 0.65 0.55 0.55 | ⊽ | | 5 | 0.77 0.77 0.73 0.73 0.69 0.66 |
| TUDE | | IATION | _ | 00.00 00 | | IATION | 14 | | | IATION | 14 | 0.91 0.92 0.93 0.88 0.88 0.75 0.75 |
| LATII | 0.20 | R RADI | 13 | | 0.20 | R RADI | 13 | | 0.20 | R RAD | 13 | 11.02 11.02 11.02 10.95 0.95 0.95 0.95 |
| > | ITY: (| SOLAF | $\overline{}$ | 00.99 | (TY: (| SOLA | | 0444 0444 0444 0444 0444 0444 0444 044 | ITY: | SOLAI | 12 | 00.11 00.00 00.00 00.00 00.00 00.00 00.00 00.00 |
| | ECTIV | OURLY | 11 | | ECTIV | OURLY | 11 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ECTIV | OURLY | 11 | |
| LATS | REFL | Ĭ | 10 | 0.777 | REFL | I | 10 | 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | REFL | x | | 0.91 |
| CCA FL | | | | 000000000000000000000000000000000000000 | | | 0 | 0.73 | | | 0 | 0.77 0.77 0.73 0.73 0.73 0.65 0.65 0.65 0.65 0.65 |
| λÃ | 2 | | •0 | 00000000 1444444444 166666 | - | | • | 00000000000000000000000000000000000000 | 8 0 | | • | 00000000 000000 000004 00004 0000000 |
| LOCATION | 10.2 | | 7 | 000000000000000000000000000000000000000 | 11.5 | | 1 | 20000000000000000000000000000000000000 | 11.6 | | | 00.337 |
| 707 | . HO: | Ŧ | 9 | 00000000000000000000000000000000000000 | . HO. | H | 9 | 1 0000000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | H | Ŧ | • | 00.000000000000000000000000000000000000 |
| | HORIZ | SOUTI | | | HORIZ | SOUT | | | HORIZ | SOUT | 5 | 0.00.00.00.00.00.00.00.00.00.00.00.00.0 |
| | J | :NOI | | 60000000 | 2 | TION: | | 00000000 | • | TION: | J | 00000000 |
| | :KINGW | ORIENTAT | | 7 TLT 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | MONTH: | ORIENTAL | | 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | MONTH: | ORIENTA | | 711 200.00 200.00 335.00 50.00 60.00 60.00 |

| | 0.130 | DAILY TOTAL | RADIATION | ************************************** | 0.131 | DAILY TOTAL | RADIATION | 77.7.880 77.7.888 77.563 77.633 | 0.125 | DAILY TOTAL | RADIALION | 66.3 77.53 77.62 1495 139 |
|---------|--------|-------------|-----------|--|----------------|-------------|-----------|--|--------|-------------|------------|---|
| | KD: | | | 00000000 | KD: | | | 00000000 | KD: | | 2 | |
| S S | | | 19 | | | | 19 | 00000000 | | | - | 00000000 |
| MINUT | 0 \$ | | ∞ : | 00000000000000000000000000000000000000 | 90 M | | 18 | | 53 | | 18 | |
| 57 | 0.7 | | 17 | 112258342 | 0.7 | | 17 | HENNINN | 0.7 | | 17 | 0.17 |
| GREES | | | 9 | 00000000000000000000000000000000000000 | | | 16 | 40444446 8000000000 | •• | | 16 | 00000000000000000000000000000000000000 |
| 36 DE | ¥. | | 12 | 00.72 | X | | 15 | 69.7.7.2 69.7.7.2 69.8 59.8 59.8 | K | | 15 | 0.59 0.70 0.71 0.71 0.71 0.69 |
| UDE | | ATION | 14 | 00.000000000000000000000000000000000000 | | ATION | 14 | 46HH068M9 | | ATION | 14 | 000000000000000000000000000000000000000 |
| LATIT | .20 | RADI | 13 | 1 0 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 | .20 | RADI | 13 | 0.99 1.02 1.02 0.99 0.99 0.99 | .20 | RADI | 13 | 00.00 10.00 |
| > z | TY: 0 | SOLAR | _ | HEELE 1000 | TY: 0 | SOLAR | ~ | 0.98 0.98 0.98 | 1Y: 0 | SOLAR | 12 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 |
| | ECTIVI | OURLY | 1 | 00.000000000000000000000000000000000000 | CTIVI | OURLY | 11 | | CTIVI | OURLY | 11 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 |
| ATS | REFLE | Ħ | | 0.90 0.92 0.92 0.93 0.83 0.785 0.785 0.785 0.785 | REFLE | H | 10 | 80 80 90 90 80 80 80 | REFLE | H | | 0.91 0.91 0.93 0.93 0.93 0.93 |
| CCA FI | | | 1 | 0.75 0.75 0.75 0.72 0.67 0.63 | | | Φ. | 0.45 0.72 0.72 0.72 0.65 0.65 0.65 | | | 6 | 0 . 59 0 . 71 0 . 71 0 . 71 0 . 69 |
| Ϋ́ | | | •0 | 00000000 00000000000000000000000000000 | | | •• | 00.44 00.44 00.44 00.44 00.44 00.44 00.44 00.44 | | | « C | 00000000000000000000000000000000000000 |
| OCATION | 11.30 | | | 00.000 00.000 00.000 00.000 00.000 00.000 | 10.18 | | 7 | 000000000000000000000000000000000000000 | 8.47 | | 7 | 0.15 0.15 0.17 0.17 0.17 0.15 0.15 |
| LOCA | H0: | Ŧ | | 00.00 | H0: | æ | 9 | | H0: | I | 9 | |
| | HORIZ. | SOUT | 5 | 00000000 | HORIZ. | SOUT | 2 | 00000000 | HORIZ. | SOUT | | |
| | 7 | : NOI. | | | * | :NOI | | 00000000 | 6 | :NOI | • | |
| | MONTH: | ORIENTATI | = | 60000000000000000000000000000000000000 | MONTH: | ORIENTAT | - | 60000000000000000000000000000000000000 | MONTH: | ORIENTAT | ; | 200 200 300 300 500 600 600 600 600 600 600 600 |

| | | | | | | _ | | | | _ | | |
|--------|----------|--------|---------------|--|-------|--------|-----|---|----------|--------|------------|--|
| | KD: | | ~ | 00000000 | ΚĎ | | 20 | 00000000 | Ϋ́ | | Q 1 | |
| TES | | | 19 | 00000000 | | | 19 | 999999999 | | | 19 | |
| MINUT | 727 | | 78 | 00000000 | 665 | | | 000000000 | 624 | | 18 | 00000000 |
| 5 57 | | | 17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | | | 17 | 00000000 | 9 | | 17 | |
| EGREE | <u>:</u> | | 16 | 2000 2000 2000 2000 2000 2000 2000 200 | : | | 16 | 00000000 444474 44474 | <u>:</u> | | | 0.07 0.13 0.15 0.15 0.16 0.17 0.20 |
| 36 DE | Z | | 15 | | ¥ | _ | 15 | 80000000 0000000 0004440000 0000000 | ₩. | _ | | 00000000000000000000000000000000000000 |
| TUDE | | ATION | $\overline{}$ | 0.80 0.82 0.82 0.83 0.84 0.86 0.86 | | ATION | 14 | 00.00 00 | | ATION | 1 | 00 00 00 00 00 00 00 00 00 00 00 00 00 |
| LATI | .20 | RADI | 13 | 0 . 81 0 . 83 0 . 83 0 . 93 0 . 93 0 . 93 0 . 93 0 . 93 | .20 | RADI | 13 | 00000000000000000000000000000000000000 | .20 | RADI | 13 | 0.75 0.73 0.73 0.73 0.73 |
| > × | TY: 0 | SOLAR | 12 | 0.03 0.93 1.02 1.02 1.03 1.02 | TY: 0 | SOLAR | 12 | 00.55 6000000000000000000000000000000000 | TY: 0 | SOLAR | 2 | 0.48 0.58 0.77 0.77 0.83 0.83 |
| | ECTIVI | OURLY | 11 | 0.00 0.93 0.93 0.93 0.93 0.93 0.93 | CTIVI | URLY | 11 | 0.53 0.72 0.72 0.82 0.83 83 | CTIVI | URLY | | |
| .ATS | REFLE | Ħ | 10 | 0 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - | REFLE | P, | 10 | 0.44 0.05 0.64 0.75 0.75 0.75 0.75 | REFLE | £ | 10 | 00 00 00 00 00 00 00 00 00 00 00 00 00 |
| CA FL | | | 6 | 440.00 00.00 440.00 660 660 660 660 660 660 660 660 660 | | | 6 1 | 000000000 00000000 000444 00000 00000000 | | | 6 1 | 0.23 0.30 0.30 0.41 0.45 0.45 0.53 |
| YUCC | | | | 0.325 0.325 0.325 0.325 0.325 0.325 0.325 0.325 | _ | | | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | ∞ ! | 0.07 0.13 0.15 0.15 0.17 0.18 0.20 |
| ATION | 6.57 | | | 0.05 0.05 0.05 0.05 0.07 0.07 0.00 | 4.93 | | ı | 00000000 | 4.3] | | 7 | 000000000 |
| 7007 | | Ŧ | _ | | . HO: | Ŧ | 1 | 00000000 | . HO: | Ξ | - 1 | 00000000 |
| | HORIZ | SOUT | 5 | 00000000 | HORIZ | SOUT | 2 | 00000000 | HORIZ | SOUT | 2 | 000000000 |
| | 10 | ATION: | | 00000000 | 11 | ATION: | | 00000000 | 12 | ATION: | 3 | |

MONTH: 11 ORIENTATION:

DAILY TOTAL

RADIATION

0.158

DAILY TOTAL

ORIENTATION:

11L1 10.00 220.00 330.00 50.00 60.00

MONTH: 12

71117 20.00 25.00 35.00 45.00 60.00 RADIATION

0000444400 0000444400 00004000000

DAILY TOTAL

ORIENTATION:

7111 10.00 20.00 25.00 35.00 40.00 60.00

MONTH: 10

RADIATION

6.932 6.933 6.933 6.933 6.933 6.933

| | 0.181 | DAILY TOTAL | RADIATION | 22.22 22.22 22.22 22.23 37 | 0.182 | DAILY TOTAL | RADIATION | 222222222 14.67.688.628 78.85.85.85 | 0.183 | DAILY TOTAL | RADIATION | พพพพพพพพพ ผู้พูญพู่พู้จุ๋งพูพ ององขอยพูช |
|----------|---------|-------------|-----------|---|--------|-------------|-----------|---|------------|-------------|---------------|---|
| | KD: | | | 000000000 | KD: | | 20 | 00000000 | KD: | | | 00000000 |
| TES | | | 19 | 000000000 | | | | | | | 19 | 00000000 |
| MINUTE | 361 | | 18 | 000000000 | 375 | | | 00000000 | 397 | | | 00000000 |
| S 45 | 5 | | 17 | 000000000 | 0 | | 17 | | 0 | | | 000000000 |
| EGREE | <u></u> | | 16 | 00000000000000000000000000000000000000 | : | | 16 | 0.11 0.11 0.11 0.11 0.11 0.11 0.11 0.11 | <u>:</u> : | | 16 | 6110000000 |
| 42 DE | 2 | _ | 15 | | ⊽ | _ | 15 | 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 | Σ | _ | 15 | 6 H N N N N N N N N N N N N N N N N N N |
| TUDE | | ATION | - | 00.22 00.22 00.22 00.33 00.33 | | ATION | 14 | 000000 000000 000000000000000000000000 | | ATION | $\overline{}$ | 00000000 0000000 0000000 0000000000000 |
| LATIT | .20 | RA.UI | - | 00.000 00.000 00.000 00.000 00.000 00.000 | .20 | RADI | 13 | 0000000 0000000 00000000 0000000000 | .20 | RADI | 13 | 000000000000000000000000000000000000000 |
| × | TY: 0 | SOLAR | 12 | 00000000 00000000000000000000000000000 | TY: 0 | SOLAR | 12 | 000000 00000 00000 00000 00000 00000 0000 | 1Y: 0 | SOLAR | 12 | 00000000000000000000000000000000000000 |
| | CLIVI | OURLY | 11 | | CTIVI | OURLY | | 00 00 00 00 00 00 00 00 00 00 00 00 00 | CTIVI | OURLY | 11 | 00000000000000000000000000000000000000 |
| | REFLE | £ | | 00.224 | REFLE | £ | | 00.00 00 | REFLE | H | 10 | 00000000000000000000000000000000000000 |
| ANY | | | 6 | 00.122 | | | O | 000000000000000000000000000000000000000 | | | 6 | 00000000000000000000000000000000000000 |
| ALB | | | •• | 0.000 | _ | | •0 | 00.00 00 | | | | 00.22 |
| LOCATION | 3.98 | | 7 | 000000000 | 5.79 | | 7 | | 7.83 | | | 800000000000000000000000000000000000000 |
| /007 | . HO: | Ξ | 9 | 00000000 | . HO: | Ξ | 9 | 000000000 | . HO | Ξ | 9 | |
| | HORIZ | SOUT | | 000000000 | HORIZ | SOUTH | | 00000000 | HORIZ. | SOUT | 70 | 00000000 |
| | - | ION | ٠ ٠ | 00000000 | ~ | :NOI | | | m | ION: | J | 00000000 |
| | MONTH: | ORIENTAT | | 7111 0.0 220.00 25.00 35.00 40.00 60.00 | MONTH: | ORIENTAT | | 116.0 10.0 20.00 30.00 40.00 60.00 | MONTH: | ORIENTAT | | 71L7 0.0 20.0 20.00 35.00 40.00 60.00 |

| | 0.184 | DAILY TOTAL | RADIATION | 4444444W , , , , , , , , , , , , , , | 0.185 | DAILY TOTAL | RADIATION | 4044444W | 0.186 | DAILY TOTAL | RADIATION | NUNUNUA44 4480110040 4780847 |
|--------|--------|-------------|---------------|---|----------|-------------|-----------|---|----------|-------------|------------|--|
| | KD: | | | 00000000 | KD: | | 20 | 00000000 | KD: | | | 00000000 |
| ES | | | - - 1 | 00000000 | | | 19 | 000000000000000000000000000000000000000 | | | 6 | 000000000000000000000000000000000000000 |
| MINUT | 52 | | | 000000 00000 00000 00000 | 05 | | 18 | · · · · · · · · · · · · · · · · · · · | 69 | | 60 | 00.00 |
| 45 | 9.0 | | 17 | ппппппппп | 9.0 | | 17 | 0.22 0.22 0.22 0.13 0.13 0.15 0.15 | 4.0 | | 17 | 00.22 |
| EGREES | : | | | 00000000000000000000000000000000000000 | <u>:</u> | | 16 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | <u>:</u> | | 16 | 0 3 3 4 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 |
| 42 DE | K | | 15 | 00.00 00 | ⊽ | - | 15 | 0.44 0.444 0.444 0.444 0.341 0.341 341 | Σ | | 3.5 | 0.47 0.47 0.47 0.47 0.45 0.43 0.36 |
| TUDE | | IATION | 14 | | | IATION | 14 | | | IATION | 14 | 00000000000000000000000000000000000000 |
| LATI | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | 000000000000000000000000000000000000000 |
| × | ITY: | SOLA | $\overline{}$ | 00000000 00000000 000000000000000 | ITY: | SOLA | 12 | 00000000 000000 0000000 000000000 | ITY: | SOLA | 12 | 000000000 1 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 |
| | ECTIV | OURLY | 11 | 00000000 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | ECTIV | OURLY | - | 00000000 0000000 00000000 000000000000 | ECTIV | OURLY | 11 | |
| | REFL | r | 10 | 00000000 444444444 644444444 | REFL | Ĭ | - | 0000000 000000000000000000000000000000 | REFL | I | 10 | 000000000000000000000000000000000000 |
| BANY | | | σ. | 000000000000000000000000000000000000 | | | 0 | 00000000000000000000000000000000000000 | | | | 0.47 |
| AL | 0 | | •0 | 00000000 | ¥. | | •0 | 00000000000000000000000000000000000000 | м | | 8 0 | 0.334 |
| VIION | 9.9 | | ~ | 000000000000000000000000000000000000000 | 11.2 | | 7 | 135 | 11.7 | | 7 | 0.0223 |
| LOCAT | . HO: | H | | 000000000 000000000 00000000 | . HO: | Ŧ | 9 | 10000000000000000000000000000000000000 | . HO: | ITH | 9 | 00.000000000000000000000000000000000000 |
| | HORIZ | SOUTI | Ŋ | | HORIZ | SOUTH | | | HORIZ | SOU | ĸ | 000000000000000000000000000000000000000 |
| | • | ION | | 00000000 | 2 | :NGIJ | | 000000000 | 9 | TION: | | 00000000 |
| | MONTH: | ORIENTAT | ; | 71[1 0.0 22:00 34:00 60:00 60:00 | MONTH: | ORIENTAT | į | 10.00 20.00 30.00 35.00 56.00 60.00 | MONTH: | ORIENTA | | 7117 0.0 10.00 25.00 30.00 55.00 50.00 |

| | 0.187 | ILY TOTA | ADIATION | พพพพพพพพ 4 พ44 4 พ44 4 พ46 6 6 | 0.187 | ILY TOTA | ADIATION | 44844444 7.000000000000000000000000000000000000 | 0.187 | ILY TOTA | ADIATION | W4444444 WWWWWW WW449200 |
|---------|--------|-----------|------------|--|----------|-----------|----------|--|--------|-----------|----------|--|
| | | DA | 2 | | | DA | 2 | | | DA | ď | |
| | Ö | | | 00000000 | KD: | | | 00000000 | KD: | | | 00000000 |
| ES | | | 19 | | | | | 00000000 | | | 19 | 000000000 |
| MINUT | 84 | | 18 | | 81 | | 18 | 0000000 000000 000000 0000000 | 73 | | ∞ | |
| 4.5 | 4.0 | | 17 | | 4.0 | | | 00 00 00 00 00 00 00 00 00 00 00 00 00 | 4.0 | | 17 | |
| EGREES | •• | | 16 | 00000000000000000000000000000000000000 | •• | | 16 | 00000000000000000000000000000000000000 | •• | | | 200000000000000000000000000000000000000 |
| 42 DE | X | | → 1 | 44444444 80088765108 | X | | 15 | 0000000 44444444 2444444 244444 | KT | | 15 | 00000000000000000000000000000000000000 |
| TUDE | | ATION | _ | i មាមការបាលប្រក i កស្តេសសក្តេស(.ក | | ATION | 14 | 00000000 00000000 000000000000 | | ATION | 14 | 24400000000000000000000000000000000000 |
| LATIT | .20 | RADI | 13 | 00000000 0000000 0000000 000000000 | .20 | RADI | 13 | 00000000000000000000000000000000000000 | .20 | RADI | 13 | 000000000000000000000000000000000000 |
| × | 1Y: 0 | SOLAR | 12 | 000000 00000 00000 00000 00000 00000 0000 | 1Y: 0 | SOLAR | 12 | 88999999 88998999 | 1Y: 0 | SOLAR | 12 | 2000000000000000000000000000000000000 |
| _ | TIVI | URLY | 11 | 3 24444666 24444666 | CTIVI | OURLY | 11 | 00000000000000000000000000000000000000 | CTIVI | URLY | 11 | 000000000000000000000000000000000000 |
| | REFLEC | HO | 0 | 1 | REFLE | HO | 10 | ነ መካመመመመመው መፋልልልመመጠው | REFLE | H0 | 10 | 45551100781 45551100781 |
| ANY | | | 6 | 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | | | 6 | 00000000 44444444 8000000000 | | | 0 | 00.34 00.40 00.40 00.40 00.40 |
| ALB | | | •• | 0 3 3 5 0 0 3 5 0 0 3 5 0 0 0 3 5 0 0 0 3 5 0 0 0 3 5 0 0 0 3 5 0 0 0 0 | | | | 00000000000000000000000000000000000000 | | | *0 | 000000000000000000000000000000000000000 |
| OCATION | 11.23 | | ~ | 00.23 | 9.83 | | ^ | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | 7.80 | | 7 | 00.00 |
| LOCA | H0: | I | 9 | 0.11 0.11 0.03 0.03 0.05 0.05 | H0: | I | 9 | 60000000 60000000000000000000000000000 | H0: | I | | |
| | HORIZ. | SOUT | | 0.001 | HORIZ. | SOUTH | ĸ | 00000000 | HORIZ. | SOUTH | S | |
| | 7 H | : NO: | · 4 | | ≖ | : NO. | J | 000000000 | Σ Σ | 20 | | |
| | MONTH: | ORIENTATI | ; | 716. 0.0 0.0 220.00 30.00 40.00 50.00 | MONTH: | ORIENTATI | i | 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | MONTH: | ORIENTATI | | 7117 0.0 20.00 20.00 30.00 50.00 60.00 |

| | 0.186 | DAILY TOTAL | RADIATION | 22222 22222 22222 22222 22222 22222 2222 | 0.182 | DAILY TOTAL | RADIATION | 47.000.000.000.000.000.000.000.000.000.0 | 0.181 | DAILY TOTAL | RADIATION | |
|---------|---------|-------------|-----------|---|-------|-------------|-----------|---|------------|-------------|-----------|---|
| | χ Э | | 20 | | KD: | | 20 | 000000000 | KD: | | 20 | |
| TES | | | ~ | 000000000 | | | 19 | | | | 19 | 00000000 |
| MINUTES | 453 | | | 100000000 | 365 | | 18 | | 339 | | 18 | |
| 5 45 | 6 | | 17 | 1 00000000 | ö | | 17 | | | | | 000000000 |
| EGREE | Ë | | 16 | 1 000 | T | | 16 | 00000000 | : . | | 16 | 000000000000000000000000000000000000000 |
| 42 D | ¥ | z | 15 | 1 000000000000000000000000000000000000 | × | z | 15 | | × | z . | 15 | |
| TUDE | | IATION | 14 | | | IATION | 14 | | | IATIO | 4 | 000000000000000000000000000000000000000 |
| LATI | 0.20 | R RAD | 13 | | 0.20 | RAD | 13 | | 0.20 | R RAD | 13 | 00000000000000000000000000000000000000 |
| × | ITY: | SOLA | 12 | | ITY: | SOLA | 12 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | ITY: | SOLA | 12 | 000000000000000000000000000000000000000 |
| | FLECTIV | HOURLY | 11 | WAAA W W W W W W W W W W W W W W W W W | ECTIV | OURLY | 11 | | ECTIV | OURLY | 11 | |
| | REFL | = | 10 | 00000000 0000000000 WWA444444 | REFL | x | 10 | 0.23 0.23 0.23 0.33 0.33 0.33 | REFL | ı | 10 | 000000000000000000000000000000000000000 |
| BANY | | | σ | 1 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | 6 | 000000000 | | | σ\ | 000000000000000000000000000000000000000 |
| AL | •0 | | | 100000000 | ĸ | | •• | 0.05 0.05 0.07 0.03 0.08 0.08 | ~ | | •0 | |
| OCATION | 5.6 | | ۲. | | 3.9 | | ~ | | 3.3 | | | |
| 207 | . H0: | TH | • | | . HO: | TH. | | | . H0: | TH | • | 666666666 |
| | HORIZ | SOUTI | ۲ | | HORIZ | SOUTH | ĸ | 000000000 | HORIZ | SOUT | | 000000000 |
| | 10 | TION | | | 11 | 110N: | | | 12 | TION: | | |
| | MONTH: | ORIENTA | ; | 1111 0.0 10.0 22.0 33.0 60.0 60.0 60.0 60.0 | HINGW | ORIENTA | ; | 220.00 220.00 255.00 555.00 60.00 60.00 | MONTH | ORIENTA | ; | 225.00 20.00 30.00 35.00 55.00 60.00 |

| | 0.125 | ILY TOTAL | ADIATION | 14444455 1444866 1444866 144486 | 0.179 | JLY TOTAL | ADIATION | 20.22.22.23.92.22.22.22.22.22.23.93.23.23.23.23.23.23.23.23.23.23.23.23.23 | 0.181 | ILY TOTAL | ADIATION | 22.22.22.22.22.22.22.22.22.22.22.22.22. |
|----------|---------|-----------|----------|--|----------|-----------|----------|--|---------|-----------|-----------|--|
| | KD: | DA | 20 R | | KĐ: | PA | 20 R | 00000000 | ΚĎ | DA | 20 R | 000000000 |
| ES | | | 19 | | | | 19 | | | | 19 | 000000000 |
| MINUT | 66 | | 18 | | 60 | | 18 | · | 5 | | - | 20000000 |
| 13 | 0.2 | | 17 | | 0.3 | | | 000000000 | 0.3 | | 17 | 1 8 8 8 8 8 8 8 8 7 |
| GREES | •• | | 16 | 00000000 450477788 | | | 16 | 222222 | •• | | 16 | 120000000 1000000000 |
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| | MONTH | ORIENTA | | _ | ٠ د | 5 (5 (| D (| ٠. د | 5 | | ٠ د | 50.00 50.00 | • | HON | NE TEN | : | i | | 0 | 0 |) d | | 0 | 50.00 | D D | HONTH | ORIEN | | - | 0.0 | 00 | . O | 0 | N 6 | 20.00 | 0.0 |

| | 0.188 | DAILY TOTAL | RADIATION | NNNNNNNA4 303012N18N 084774000 | 0.187 | DAILY TOTAL | RADIATION | 440004444 | 0.186 | DAILY TOTAL | RADIATION | WW444444 601000000000000000000000000000000 |
|----------|--------------|-------------|------------------|---|-----------|-------------|-----------|--|---------|-------------|-----------|---|
| | KĐ: | | 8 | 00000000 | KD: | | 8 | 00000000 | ΚĐ: | | 20 | |
| res | | | 19 | 000000000 | | | - | 00000000 | | | 19 | 000000000 |
| MINUT | 50 h 60 h | | | 000000000000000000000000000000000000000 | 98 | | 80 | 000000000000000000000000000000000000000 | 67 | | 8 | |
| 56 | 0 | | 17 | 000000000000000000000000000000000000000 | 4.0 | | 17 | 00.13880.13880.13881.13881.138 | 4.6 | | 17 | |
| GREES | •• | | | 00000000000000000000000000000000000000 | •• | | 9 | 00000000000000000000000000000000000000 | •• | | 16 | 22.25 |
| 42 DE | X | | 15 | 00000000 0000000000000000000000000000 | KT | | 15 | 000000 4444444 8000000 | K | | 15 | WWWWA44WW 400000000 |
| ITUDE | | ATION | 14 | | | ATION | | | | ATION | 14 | 4440000004 646011108 |
| LATIT | .20 | RADI | 13 | 00000000 00000000000000000000000000000 | .20 | RADI | 13 | | .20 | RADI | 13 | 455500000000 855000000000 |
| × | 1Y: 0 | SOLAR | | 00.00 | TY: 0 | SOLAR | 12 | | 1Y: 0 | SOLAR | - | MMMM999MM OM880009V |
| | CTIVI | OURLY | 11 | | EFLECTIVI | OURLY | 11 | 8 H N N N N N N N N N N N N N N N N N N | ECTIVI | OURLY | 11 | |
| | REFLE | 유 | 10 | กับอังอังกับกับ | REFLE | H | 0.1 | | REFLE | HO | 10 | 444000004 WODULHOS |
| UFFALO | | | 6 | 0000000 44444 60000000000 | | | 6 | 00000000 44444444 800000000000000000000 | | | | 00000000000000000000000000000000000000 |
| BUF | | | s 0 | www.wwww.w | | | •0 | 000000000000000000000000000000000000000 | | | | 222222222222222222222222222222222222222 |
| LOCATION | 11.23 | | ~ 1 | 000000000000000000000000000000000000000 | 9.82 | | ~ | 00.100.1138881.1 | 7.78 | | 7 | |
| LOCA | н0: | I | | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | :0 H0: | x | 9 | 00.000000000000000000000000000000000000 | HO: | × | 9 | 00000000 |
| | HORIZ. | SOUT | ו גה | 00.000000000000000000000000000000000000 | HORIZ. | SOUTH | 'n | 00000000 | HORIZ. | SOUTI | 2 | 00000000 |
| | 7 | TION: | ' - - | | •• | TION: | | 00000000 | σ. | : NOI | | 000000000 |
| | MONTH: | ORIENTA | - | 20.00 25.00 25.00 35.00 40.00 60.00 | MONTH: | ORIENTAL | ; | 220 220 220 220 230 200 200 200 200 200 | MONTH: | ORIENTAT | ; | 220.00 250.00 350.00 50.00 50.00 |

| | 0.185 | DAILY TOTAL | RADIATION | 20000000000000000000000000000000000000 | 0.180 | DAILY TOTAL | RADIATION | 1.27 11.67 11.882 11.987 2.00 | 0.125 | DAILY TOTAL | RADIATION | 0 H H H H H H H H H H H H H H H H H H H |
|---------|--------|-------------|------------|--|--------|-------------|-----------|--|----------|-------------|-----------|---|
| | KD: | | | 00000000 | KD: | | 20 | | KD: | | | 00000000 |
| TES | | | 19 | 000000000 | | | 19 | | | | 19 | 000000000 |
| MINUT | 437 | | 18 | | 325 | | 18 | · · · · · · · · · · · | 273 | | 18 | |
| s 56 | 6 | | 17 | 0000000 | 9. | | | 00000000 | 0 | | 17 | |
| EGREE | :- | | 16 | | •• | | 16 | 00000000 | <u>:</u> | | 16 | |
| 42 DI | × | | 15 | 00000000 | Z | - | N) | 0.15 0.15 0.15 0.15 0.15 0.15 | ¥ | - | 5 | 00.000 |
| ATITUDE | | IATION | 14 | 00000000000000000000000000000000000000 | | IATION | 14 | 000000 000000 000000 000000 000000 00000 | | IATION | 14 | 00.000 |
| LATE | 0.20 | R RAD | - | 000000000 WAAAAAAWWW VONV WAEHE | 0.20 | R RAD | 13 | 0.22 00.22 00.22 00.33 00.33 00.33 00.33 | 0.20 | R RAD | 13 | 00000000000000000000000000000000000000 |
| × | ITY: | SOLA | ~1 | 00000000 6444000000 8486400000 | ITY: | SOLA | ~ | 00.22 00.22 00.22 00.22 00.22 00.22 00.22 00.22 | ITY: (| SOLAI | 12 | 00000000000000000000000000000000000000 |
| | ECTIV | OURLY | 11 | 00000000 00000000 00000000000000000000 | ECTIV. | OURLY | | 0.23 0.23 0.33 0.33 0.33 0.33 0.33 | ECTIV | OURLY | - | 000000000000000000000000000000000000000 |
| | REFL | Ξ | 10 | 00000000 00000000 00000000000000000000 | REFLI | Ĭ | 10 | 0.22 0.22 0.23 0.23 0.25 0.25 0.25 | REFLI | Ĭ | 10 | 00200000000000000000000000000000000000 |
| FFALO | | | | | | | σ. | 000000000000000000000000000000000000000 | | | 6 | 000000000000000000000000000000000000000 |
| 80 | 25 | | € | | - | | ∞ | 0.05 | _ | | | 000000000 |
| OCATION | 5.6 | | | | 3.9 | | | | 3.2 | | 7 | |
| 100 | . HO: | H | | | . HO: | TH. | 9 | | . HO: | 1 H | • | |
| | HORIZ | SOUT | | 000000000 | HORIZ | SOUTH | ĸ | | HORIZ | SOUT | 2 | |
| | 10 | TION: | ' ' | | 11 | T10N: | • | 00000000 | 12 | 1 10N: | • | |
| | MONTH: | ORIENTATION | ; | 10.00 10.00 10.00 130.00 130.00 100 100 100 | MONTH: | ORIENTA | ; | 660 600 600 600 600 600 600 600 600 600 | HONTH: | ORIENTATION | ; | 11.1 0.0 220.00 225.00 50.00 60.00 |

| | 0.181 | DAILY TOTA | RADIATION | 4. | 91 | .000 | 1.98 | • | 0.181 | DAILY TOTA | RADIATION | | 0.183 | DAILY TOTA | RADIATION | พพพพพพพพพพ อพิกักล์ลลล อ นกับลลลลลล | |
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| | KD: | | | 0.0 | • | • • | | • | ΚĎ | | 20 | 00000000 | KĐ: | | 20 | 00000000 | |
| 7ES | | | 19 | | • | | 00 | • | | | 19 | | | | 19 | 00000000 | |
| MINUT | 342 | | | 00 | • | • • • | | • | 360 | | 18 | | 408 | | 18 | | |
| s 56 | 6 | | | 00 | • | • • | • • • | • | 6 | | 17 | 000000000000000000000000000000000000000 | 6 | | 17 | | |
| GREE | | | 16 | 0.0 | 0,0 | | 00 | | | | 16 | 00.11 | | | 16 | 00.222 | |
| 44 DE | K | _ | | | -:- | : -: - | | . | Σ | | 15 | 000000000000000000000000000000000000000 | · X | _ | 15 | 00.00 00 | |
| TUDE | | RADIATION | | 0.17 | in | ivio | | 14 | 0.20 | RADIATION | RADIATIO | 14 | | | ATION | 14 | |
| LATIT | .20 | | 13 | 0.21 | vic | i wi w | , W. W. | , w | | | | 13 | | .20 | RADI | - | 00000000000000000000000000000000000000 |
| × | TY: 0 | SOLAR | | | 4 | MW | | i in | TY: (| SOLAR | 12 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | 17Y: 0 | SOLAR | ~ | 244.00000000000000000000000000000000000 | |
| | 1 REFLECTIVI | HOURLY | ~ | 100 | Sic | iwin | | i m | ECT IV | URLY | OURLY | ~ | 00000000000000000000000000000000000000 | ECTIVI | OURLY | 11 | 00000000000000000000000000000000000000 |
| | | | 10 0.23 0.25 0.25 0.25 0.25 0.26 0.27 0.28 | Ī | 10 | | REFLE | Ŧ | _ | 00000000000000000000000000000000000000 | | | | | | | |
| SSENA | | | • | 0.10 | ~- | : -: - | : -: - | : =: | | | | 6 | 00000000 00000000 00000000000000000000 | | • | 6 | 000000000000000000000000000000000000000 |
| MA | | | | 00000000 | • | | •• | 00000000 | • | | •0 | 0.0000000000000000000000000000000000000 | | | | | |
| ATION | 3.6 | | ~ | 00 | • | | 900 | | 5.4 | | | 000000000 | 7.50 | | 7 | 00000000 | |
| LOCA | . HO: | H | • | | • | ٠. | 000 | | . но: | H | 9 | 00000000 | . HO: | Ξ | 9 | | |
| | HORIZ | SOUTH | ĸ | j | | | 900 | | HORIZ | SOUTH | ĸ | 00000000 | HORIZ | SOUT | 5 | | |
| | - | :NOI | | | | ٠. | | • • | 8 | :NOI. | _ | 00000000 | m | : NOI | | 999999999 | |
| | MONTH: | ORIENTAT | | 7 L T | 0.0 | , o r | | | MONTH: | ORIENTATI | | 25.00 25.00 330.00 45.00 60.00 | MONTH: | ORIENTATI | ; | 60.00 50.00 50.00 50.00 50.00 60.00 | |

| | 35 | TOTAL | NO | | 9 | TOTAL | N O | | 87 | TAL | NO. | | | |
|----------|------------------------|-----------------|--|---|---|------------------------|--|--|--|---|--|--|---|--|
| | 0.18 | DAILY TO | RADIATI | 44444444 944444 4100047 | 0.18 | DAILY TO | RADIATI | NUNUN4444 6.1.1.1.0.2.7.4.0 6.7.1.0.1.1.8.8.8 | 0.1 | DAILY TOT | RADIATI | NNNNNNN444 AANANYOOOU | | |
| | KĐ: | | 20 | 00000000 | χ Ω | | 20 | 00000000 | KD: | | | 00000000 | | |
| ES | 35 | | ~ i | 000000000 | | | 19 | | | | 19 | | | |
| MINUTE | | | 18 | | πĊ | | 18 | 000000000000000000000000000000000000000 | 78 | | | 00.113 | | |
| 26 | 4.0 | | 17 | | 4.0 | | 17 | 00.233 | 4.0 | | 17 | 00.22 | | |
| EGREES | REFLECTIVITY: 0.20 KT: | SOLAR RADIATION | 9 22 22 23 24 25 25 25 25 25 25 25 | <u>.</u> | | 9 | 00000000 00000000 00000000000000000000 | •• | | 16 | 00000000000000000000000000000000000000 | | | |
| 44 DE | | | 15 | | KT | HOURLY SOLAR RADIATION | URLY SOLAR RADIATI | 15 | 0000000 44444 000000000000000000000000 | X | | 15 | | |
| TUDE | | | _ | 00000000 1440000444 00000444 | | | | 14 | 00000000 00000000 000000000000000000 | | ATION | 14 | 00000000 0000000 0000000000 0000000000 | |
| LATIT | | | 13 | | .20 | | | 13 | 000000000 000000000000000000000000000 | .20 | RADI | 13 | 0000000 000000000000000000000000000 | |
| × | | | 12 | | 74: 0 | | | 12 | | TY: 0 | SOLAR | - | 000000000 000000000 000000000 00000000 | |
| | | OURLY | 11 | | ECTIVI | | | ž | 11 | 20000000 200000000 2000000000000000000 | ECTIVI | HOURLY | 11 | 0000000 0000000 00000000 00000000 |
| | | 유 | | 0000000 4400000444 | REFLE | | | | 10 | 00000000 0000000 000000000 00000000000 | REFLE | Ħ | 10 | 00000000 00000000 000000000 0000000000 |
| SENA | | | 6 | 00000000000000000000000000000000000000 | | | | | | 6 | 00000000 4444444 8444444 | | | • |
| MAS | | | | •0 | 000000000000000000000000000000000000000 | - | | • | 00000000000000000000000000000000000000 | m | | •• | 00000000000000000000000000000000000000 | |
| LOCATION | 9.74 | | ~ | 74.00 64.00 74.00 74.00 74.00 74.00 74.00 | 11.19 | | | 00.22000.233 | 11.73 | | 7 | 000000000000000000000000000000000000000 | | |
| | HORIZ. HO: | Ξ | | 000000000 00000000 | 8 | Ξ | 9 | 00.000 | . HO: | Ξ | | 0.14 0.13 0.00 0.00 0.00 0.00 0.00 0.00 | | |
| | | Seuri | ระบา | | 00000000 | HORIZ | SOUTI | 'n | 000000000 | HORIZ | SOUTH | Ŋ | 000000000000000000000000000000000000000 | |
| | J | TION: | · 🕁 | 66666666 | 'n | TION: | | 00000000 | • | TION: | 4 | | | |
| | MONTH: | ORIENTAL | i | 71L7 0.0 20.0 20.00 35.00 35.00 50.00 | MONTH: | ORIENTAL | i | 200 200 200 300 200 200 200 200 200 200 | MONTH: | ORIENTAI | i | 711.7 0.0 20.00 25.00 35.00 46.00 | | |

| | 0.188 | DAILY TOTAL | RADIATION | មាមមាមមាមម្នង មាំងម៉ាំង់ង់ដំខាំង មាំងមាំងង់មាំងមាំ មាំងឯងងមាំងមាំ | 0.187 | DAILY TOTAL | RADIATION | \$8\$00000 \$5\$00000 \$5\$0000 \$5\$0000 \$5\$0000 \$5\$0000 \$5\$00000 \$5\$00000 \$5\$00000 \$5\$00000 \$5\$00000 \$5\$0000 \$5\$0000 \$5\$00000 \$5\$00000 \$5\$000000 \$5\$000000 \$5\$000000 | 6.18 | LY T0 | RADIA ADIA ADIA ADIA ADIA ADIA ADIA ADIA | | | | | | | | | | | |
|----------|--------------------|-------------------|-----------|---|--------------------|-------------------|-----------|---|------------|----------|---|---|--|--|---|---|---|----------|---|---|--|--|
| | KD: | | 20 | 00000000 | KD: | | 20 | | KD: | , | | | | | | | | | | | | |
| ES | | | ~ ! | | | | 19 | 00000000 | | | | | | | | | | | | | | |
| MINUTE | 93 | | 18 | 000000 | \$8 | | 18 | 00000000 | 0 / | | | | | | | | | | | | | |
| 26 | 4. | | | 000000000000000000000000000000000000000 | 4. | | 17 | 88877765M | 3 . | ! | 00.100 00.100 00.100 00.100 00.100 | | | | | | | | | | | |
| GREES | | | 16 | 00.00 00 | •• | | 16 | | | | 00000000000000000000000000000000000000 | 1 | | | | | | | | | | |
| 44 DE | X | | 15 | 000000 4.00000 8.44.44.0000 8.44.0000000000 | K | | 15 | | - | | 00000000000000000000000000000000000000 | | | | | | | | | | | |
| TUDE | | ATION | 14 | | | ATION | 14 | | | | 4 1 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | • | | | | | | | | | | |
| LATIT | REFLECTIVITY: 0.20 | HOURLY SOLAR RADI | 13 | 00000000000000000000000000000000000000 | REFLECTIVITY: 0.20 | HOURLY SOLAR RADI | 13 | 00000000 | . 20 | ~ | 200000000 2000000000000000000000000000 | | | | | | | | | | | |
| × | | | 12 | | | | 12 | 00000000 1.00000000 1.00000000000000000 | 0 : ↓ 1 | SOLAR | 1 000000000000000000000000000000000000 | , | | | | | | | | | | |
| | | | 11 | | | | _ | 11 | | ECTIVI | | 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | . | | | | | | | | | |
| | | | 10 | 00000000000000000000000000000000000000 | | | | 10 | | REFLE | x | 0.5449 | • | | | | | | | | | |
| SENA | | | | 0.44 0.44 0.44 0.44 0.44 0.44 0.44 0.44 | | | 6 | 00000000 44444444 0440000000 | | | 9 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | | | | | | | | |
| M/S | 11.19 | | | | | | | | | | | | - 1 | 0.33 0.38 0.38 0.36 0.35 0.33 0.33 | _ | | • | 00000000 | m | | 00000000000000000000000000000000000000 | |
| LOCATION | | | | | | | | | | | | | 0.25 0.22 0.22 0.22 0.13 0.17 | 9.67 | | 7 | | 7.5 | | 0.10000 | • | |
| 7007 | . HO: | Ξ | 9 | 0.12 0.12 0.09 0.08 0.06 0.06 | . H0: | Ξ | 9 | 00000000 | 9 | I | 000000000 | • | | | | | | | | | | |
| | HORIZ | SOUT | ıO | 000000000000000000000000000000000000000 | HORIZ | SOUTI | Ŋ | 00000000 | HORIZ | SOUT | W 0000000 | | | | | | | | | | | |
| | 7 | :NOI | | 00000000 | ••• | :NOI | \$ | 00000000 | ~ | :NOI | 4 00000000 | • | | | | | | | | | | |
| | MONTH: | ORIENTAT | - | 60000000000000000000000000000000000000 | MONTH: | ORIENTAT | F | 60000000000000000000000000000000000000 | MONTH: | ORIEHTAT | 7111 10.00 10.00 25.00 35.00 56.00 | • | | | | | | | | | | |

| | 185 | TOTAL | NOI | <i>Nrvaggomen</i> | 181 | OTAL | NOI | N&V&40&4V | 180 | TOTAL | ION | w02r40w0a |
|---------|--------|----------|--------|--|----------------|---------|----------|---|--------|---------|--------|--|
| | • | DAILY T | RADIAT | พ.ศ. พ.ศ. พ.ศ. พ.ศ. พ.ศ. พ.ศ. พ.ศ. พ.ศ | 9. | DAILY T | RADIAT | 44.45.40.40.40.40.40.40.40.40.40.40.40.40.40. | | DAILY T | RADIAT | |
| | KD: | | 20 | 00000000 | KD: | | 20 | 00000000 | KD: | | 20 | 000000000 |
| TES | | | _ | | | | | 00000000 | | | | 00000000 |
| MINUT | 435 | | 13 | 00000000 | 342 | | 18 | 000000000 | 316 | | 18 | |
| S 56 | | | 17 | 100000000 | <u>.</u> | | 17 | 00000000 | | | 1 | 00000000 |
| EGREE | :- | | 16 | 1 00000000 | : - | | 16 | 00000000 | :- | | 16 | 00000000 |
| 44 D | × | Z | 15 | 00000000 | × | NO | ~ | 00000000 | ¥ | z | - | 000000000 |
| TITUDE | | DIATIO | 14 | 00000000 | | IAII | | | | IATIO | _ | 1 00000000 |
| LATI | 0.20 | RRA | 13 | 00000000 | 0.20 | R RAD | 13 | 00000000 | 0.20 | R RAD | - | 00000000 |
| × | 117: | SOLA | ~ | 1 000000000000000000000000000000000000 | ITY: | SOLA | ~ | 22.00 20.00 20.00 20.00 20.00 20.00 20.00 | ITY: | SOLA | 12 | 00000000000000000000000000000000000000 |
| | ECTIV | OURLY | 11 | 00000000 | ECTIV | OURLY | | 0.224 0.224 0.329 0.331 0.331 0.331 | ECTIV | OURLY | 11 | 200000000000000000000000000000000000000 |
| | REFL | . | 10 | 00000000 00000000 | REFL | I | 10 | 000000000000000000000000000000000000000 | REFL | Ξ | 10 | 233222 |
| SSENA | | | | 000000000000000000000000000000000000000 | | | 6 | 0.15 | | | 6 | 000000000000000000000000000000000000000 |
| Æ | ξž | | _ | 100000000 | ~ | | | 00000000000000000000000000000000000000 | 'n | | | 0.0000000000000000000000000000000000000 |
| OCATION | 5.3 | | 7 | 00000000 | 3.5 | | 1 | 000000000 | 2.9 | | | 00000000 |
| 001 | . HO: | OUTH | | 000000000 | . HO: | HTE | _ | 000000000 | . HO: | H | | 000000000 |
| | HORIZ | 501 | | 00000000 | HORIZ | SOUTH | | 000000000 | HORIZ | SOUT | | 000000000 |
| | 10 | ATION: | · 🕁 | 00000000 | 11 | ATION: | | 00000000 | 12 | ATION: | | |
| | :HINCH | ORIENT! | ; | 11[1 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | MONTH: | ORIENTA | ; | - 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | MONTH: | ORIENTA | ; | 1000 225.00 330.00 460.00 550.00 500 60.00 |

| | 0.182 | DAILY TOTAL | RADIATION | 00000000000000000000000000000000000000 | 0.182 | DAILY TOTAL | RADIATION | 22.22.22.22.22.22.22.22.22.22.22.22.22. | 0.183 | DAILY TOTAL | RADIATION | WWWWWWWWW 2477777 2010004048 |
|---------|---------|-------------|-----------|---|--------|-------------|-----------|--|--------|-------------|-----------|---|
| | KD: | | 20 | 00000000 | KD: | _ | 20 | | KD: | _ | 20 | 00000000 |
| ES | | | 19 | 00000000 | | | ! | 00000000 | | | 19 | 000000000 |
| MINUTES | 65 | | 18 | 00000000 | 173 | | 18 | | 92 | | 18 | |
| 47 | 0.3 | | 17 | | 0.3 | | 17 | | 4.0 | | 17 | |
| EGREES | •• | | 16 | 1 000000000000000000000000000000000000 | ٠. | | 16 | 0.12 0.13 0.15 0.15 0.17 | •• | | 7 | 00.000. |
| 40 DE | KT | | 15 | | K | | 15 | 00.24 00.26 00.27 00.27 00.28 82.28 | K | | 15 | |
| - agn | | ATION | 14 | 122222222 12222222 | | ATION | 14 | | | ATION | 14 | ###################################### |
| LATIT | .20 | RADI | 13 | | .20 | RADI | 13 | | .20 | RADI | ~ | 444400044 |
| × | TY: 0 | SOLAR | - | | 1Y: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | 4411111111111111111 |
| _ | TIVI | OURLY | 11 | | ECTIVI | HOURLY | 11 | WWW444444 W&&CHQV&H | INI | HOURLY | 11 | <u>444451111144</u> 12666666666666 |
| PARK | REFLEC | HO | 10 | 145000000000000000000000000000000000000 | REFLE | HO | 10 | 0 1 4 10 40 7 7 4 10 8 10 8 10 8 10 8 10 8 10 8 10 8 10 | REFLEC | HO | 10 | 000000000000000000000000000000000000000 |
| TRAL | | | 6 | 000000 000000 000000 000000 000000 | | | 6 | 1400VV000 | | | 0 | |
| CEN | | | | 00.000 | | | •0 | 00 00 00 00 00 00 00 00 00 00 00 00 00 | | | 40 | 000000000000000000000000000000000000000 |
| OCATION | 4.32 | | | 00000000 | 6.10 | | ^ | 00000000000000000000000000000000000000 | 8.07 | | 7 | 000000000000000000000000000000000000000 |
| LOCA | :0 H | × | 9 | | H0: | = | 9 | 00000000 | : OH | × | 9 | |
| | HORIZ. | SOUTH | | | HORIZ. | SOUTH | Ŋ | 9000000 | HORIZ. | SOUTH | | 000000000 |
| | - | : NOI | | 00000000 | 2 | ION: | 4 | 00000000 | m | : NO I | 4 | 000000000 |
| | MONTH: | ORIENTAT | ; | 711 0.00 220.00 335.00 60.00 60.00 | MONTH: | ORIENTAT | ; | 60.000 60.000 60.000 60.000 | HONTH: | ORIENTATI | ; | 220.00 220.00 220.00 200.00 200.00 200.00 |

| | . 184 | TOTAL | TION | 04~8480V 04~8460V | | TOTAL | TION | 00000000000000000000000000000000000000 | .186 | TOTAL | TIGN | 8 9 9 9 9 7 7 9 9 9 9 9 9 9 9 9 9 9 9 9 |
|---------|----------|----------|-------|--|------------------|----------|-------|--|----------|----------|-------|--|
| | 6 | DAILY | RADIA | 44444 | . • | DAILY | RADIA | က်က်က်က်ခံခံခံခံကိ | 6 | DAILY | RADIA | ம்ம்ம்ம் ம்ச்ச்ச் |
| | ξĎ | | 20 | | • | | | 00000000 | KD: | | 2 | 00000000 |
| ES | | | ~ | 0000000 | • | | | 000000000000000000000000000000000000000 | | | 19 | |
| MINUT | 53 | | 50 | 000000000000000000000000000000000000000 | e. • | | 18 | 00.000 | 9 | | 18 | 000000000000000000000000000000000000000 |
| 47 | 0.4 | | 17 | | 7. 0 | | - | 122223 | 9.0 | | 17 | |
| GREES | •• | | 16 | 0000000000 00000000 | .23 | | 16 | | •• | | 16 | 000000000000000000000000000000000000 |
| 40 DE | K | | | 1044444110 6044007 | . 54 KT | | | 0000000 4444444000 66600000000000000000 | X | | | こみなななななるでいるころでもころでしょう |
| TUDE | | ATION | 14 | 445004444 700000000 | 2. 12 | ATION | 14 | 45000040004 | | ATION | 14 | 000000000000000000000000000000000000 |
| LATITI | .20 | RADI | 13 | I የመመመመመመመመ I የመመመመመመመመመመ I | 20 | RADI | 13 | 0000000 00000000 0000000000000000000 | .20 | RADI | | ふるとららちらう のごひまりなすなの |
| × | TY: 0 | SOLAR | 12 | 50 50 50 50 50 50 50 50 50 50 50 50 50 | .50 Y: 0 | SOLAR | 12 | | 1Y: 0 | SOLAR | 12 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| | IVI | URLY | 11 | i የህብህህህህህህህህ i ያሳቀቅቅ i | .48 TIVI | OURLY | 11 | | II:VI | URLY | | 66666111 200 666611200 |
| PARK | REFLEC | HO | 10 | 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 | .43 EFLE | HO | 10 | 000000000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | REFLEC | 무 | 0 | |
| CENTRAL | | | 6 | 00.49 00.49 00.49 00.49 00.49 00.49 | in. | | 6 | 000000000000000000000000000000000000 | | | 0 | 00000000000000000000000000000000000000 |
| CEN | | | - | 00.29 00.29 00.29 00.29 00.29 | i | | | | | | •0 | |
| OCATION | 10.03 | | 7 | 0.17 0.17 0.16 0.16 0.15 0.15 | T : | | 7 | 000000000000000000000000000000000000000 | 11.72 | | 7 | 000000000000000000000000000000000000000 |
| LOCA | H0: | x | 9 | 00000000000000000000000000000000000000 | ⁰ . 유 | Ŧ | | 00.000 | H0: | × | 9 | 0.00 |
| | HORIZ. | SOUT | | 0000000 | • 🖭 | SOUTH | Ŋ | | HORIZ. | SOUT | 7. | |
| | 4 | ION | · 🖈 | 00000000 | e . | \vdash | 4 | 00000000 | ∞ | ION: | * | 00000000 |
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| | 0.187 | DAILY TOTAL | RADIATION | សល្យបាលប្បក្នុង សល្យប្បកាលប្រក្នុង ស្រុសស្គាលប្រក្នុង | 0.186 | DAILY TOTAL | RADIATION | 公司中央の1777年 804日中50年日50日 | 0.187 | DAILY TOTAL | RADIATION | W 4444444 W HIOHA44NH W MWWNWA W |
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| | 0.183 | AILY TOTAL | RADIATION | 2.05 | 40,61 | ~ •o •o | 0.184 | DAILY TOTAL | RADIATION | 00000000000 000000000 0000000000000000 | 0.185 | AILY TOTAL | RADIATION | MWW444MW Wrwoooow Wwwww |
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| | 0.125 | DAILY TOTAL | RADIATION | 22 | 0.179 | DAILY TOTAL | RADIATION | 22.22 82.22 13.38 8.22 18.22 18.22 | 0.182 | DAILY TOTAL | RADIATION | 800,120,120,000 800,120,120,000 800,120,120,120,120,120,120,120,120,120,1 |
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| rES | | | ! | 00000000 | | | 19 | 00000000 | | | ~ 1 | 00000000 |
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| | 0.184 | DAILY TOTAL | RADIATION | 444 2 wen | 444 | 100 | 1 0 | 0.186 | DAILY TOTAL | RACIATION | RIURU4444W | 0.187 | DAILY TOTAL | RADIATION | 200000000044 77.90.900000 20090000000000000000000000000 |
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| | 0.188 | DAILY TOTAL | RADIATION | មាយមាយមាយមាយក្នុ ឧភ្ជម្មាយមាយមាយ មាយមាល់ខ្មាយក្នុង | 0.187 | DAILY TOTAL | RADIATION | 44 10 10 10 10 10 10 10 10 | 0.187 | DAILY TOTAL | RADIATION | 84444444 66113186 848411446 8484114446 |
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| | KD: | | 20 | 00000000 | ΚĎ | | 20 | 00000000 | χÖ | | | |
| S | | | 19 | 0000000 | | | 19 | 00000000 | | | | 00000000 |
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| ~ | 0.5 | | 17 | 000000000000000000000000000000000000000 | 4.0 | | 17 | 000000000000000000000000000000000000000 | 4.0 | | | |
| GREES | | | 16 | WWWWWWWW WWV/ WWW/ | 4. | | 16 | mmmmmmnN | •• | | 16 | 00000000000000000000000000000000000000 |
| 43 DEGR | K7 | | 13 | 00000000000000000000000000000000000000 | KT | | 15 | #4444444 #14444444 | K | | - | 00000000000000000000000000000000000000 |
| UDE | | ATION | 14 | | | ATION | 14 | กักกักกักกักกัก | | ATION | 14 | 00000000000000000000000000000000000000 |
| LATITUDE | .20 | RADI | 13 | 0000000 0000000 0000000000000000000000 | .20 | RADI | 13 | 0000000 00000000 000000000000000000000 | .20 | RADI | ~ | 1 000000000000000000000000000000000000 |
| × | 1Y: 0 | SOLAR | 12 | 000000000000000000000000000000000000000 | 1Y: 0 | SOLAR | 12 | 0000000n | 1Y: 0 | SOLAR | 12 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
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| ER | REFLE | Ħ | | 80000000000000000000000000000000000000 | REFLE | H | 10 | | REFLE | H | 10 | 00.00 0.00 0.00 0.00 0.00 0.00 0.00 0. |
| OCHESTE | | | 6 | 00000000 42224444 66000000 | | | 6 | 00000000000000000000000000000000000000 | | | ٥ | 47.00 47.00 47.00 47.00 47.00 47.00 47.00 47.00 47.00 47.00 |
| R 00 | | | 60 | 00000000 00000000000000000000000000000 | | | •• | 00000000000000000000000000000000000000 | | | 60 | 000000000000000000000000000000000000000 |
| LOCATION | 11.22 | | | 000000000 | 9.80 | | ^ | 881.00 11.00 11.00 11.00 11.00 11.00 11.00 | 7.76 | | | |
| LOCA | : 9 | æ | 9 | 00000000000000000000000000000000000000 | H0: | I | _ | 00000000000000000000000000000000000000 | : H | I | • | |
| | HORIZ. | SOUTH | Ю | | HORIZ. | SOUT | ın | | HORIZ. | SOUT | 'n | |
| | 7 | TION: | | | •0 | TION | | 000000000 | • | TION: | 4 | 00000000 |
| | HINOW | ORIENTA | ; | 66000000000000000000000000000000000000 | MONTH: | ORIENTAT | | 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | MONTH: | ORIENTAT | | 71L1 0.00 10.00 25.00 35.00 50.00 60.00 |

| | 0.185 | DAILY TOTAL | RADIATION | 22000000000000000000000000000000000000 | 0.189 | DAILY TOTAL | RADIATION | 2221111111 200498 200498 | 0.125 | DAILY TOTAL | RADIATION | 0 M M M M M M M M M M M M M M M M M M M |
|----------|--------|-------------|-----------|--|--------|-------------|-----------|--|--------|-------------|-----------|---|
| | KD: | | N | 00000000 | ΚĎ: | | 50 | 00000000 | KD: | | 0 | 00000000 |
| TES | | | 19 | 00000000 | | | 19 | | | | ~ | 000000000 |
| MINUT | 438 | | - | 000000000 | 328 | | - | 000000000 | 273 | | - | 000000000 |
| 5 7 | | | 17 | 1 00000000 | | | 17 | 00000000 | 6 | | - | 00000000 |
| EGREE | :- | | 16 | 000000000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | :- | | 16 | 00000000 | Ë | | | 00000000 |
| 43 D | × | z | 15 | 00000000 100000000 1000000000 | × | z | 15 | 00000000 | ¥ | z | 15 | 000000000 |
| TUDE | | IATIO | 1 | 00000000 www44444 wnw0mw44 | | IATIO | 14 | | | IATIO | 14 | 000000000000000000000000000000000000000 |
| LATI | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | | 0.20 | RAD | 13 | |
| ¥ | ITY: | SOLA | 12 | 00000000 1 444000000 | ITY: | SOLA | | 00000000000000000000000000000000000000 | ITY: | SOLA | 12 | |
| | ECTIV | OURLY | 11 | | ECTIV | OURLY | 11 | | ECTIV | OURLY | 11 | |
| ER | REFL | I | | 00000000 WWW444444 | REFL | x | 10 | 00000000 | REFL | x | 10 | 0.0000000000000000000000000000000000000 |
| CHEST | | | 6 | 000000000000000000000000000000000000 | | | 6 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | 8 | 0.000 |
| RO | 2 | | | 00000000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | €0 | | | 100000000 | J. | | •0 | 0.0000000000000000000000000000000000000 |
| LOCATION | 5.6 | | 7 | 1 00000000 | 3.8 | | 7 | 000000000 | 3.2 | | | 000000000 |
| 100 | HO: | H | | 00000000 | HO: | DUTH | | 000000000 | . HO: | H | | 600000000 |
| | HORIZ | SOUTI | | | HORIZ | Sot | 'n | 000000000 | HORIZ | SOUTH | ĸ | 000000000 |
| | 10 | . T I ON : | | | 11 | ATION: | 4 | | 12 | TION: | | 00000000 |
| | MONTH: | ORIENTA | ; | 11.1 0.0 0.0 220.00 380.00 490.00 | MONTH: | ORIENTA | ; | 220.00 220.00 220.00 330.00 60.00 60.00 | MONTH: | ORIENTA | | |

| | 0.179 | DAILY TOTAL | RADIATION | 24.000000000000000000000000000000000000 | 0.180 | DAILY TOTAL | RADIATION | 112222222 22222222 2222222222 22222222 | 0.181 | DAILY TOTAL | RADIATION | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
|----------|--------|-------------|-----------|--|--------|-------------|-----------|---|--------|-------------|-----------|--|
| | ΚĎ: | • | | | ΚĎ | | 20 | 00000000 | KD: | | ~ | 000000000 |
| TES | | | _ | 000000000 | | | 19 | 00000000 | | | 19 | |
| MINUTES | 310 | | 18 | 000000000 | 314 | | 13 | 00000000 | 360 | | 18 | 000000000 |
| 7 | | | ~ | 00000000 | 0 | | 17 | 00000000 | 0 | | 17 | |
| DEGREES | •• | | 16 | 00000000 00000000 440000000 | •• | | 16 | 60000000000000000000000000000000000000 | | | 16 | |
| 43 DE | × | | 15 | 00000000000000000000000000000000000000 | X | | 15 | 0000000 110000000 100000000 | K1 | | 15 | · |
| ITUDE | | ATION | 7.4 | 1 000000000000000000000000000000000000 | | ATION | 14 | 00000000 00000000000000000000000000000 | | ATION | | 00000000000000000000000000000000000000 |
| LATIT | .20 | RADI | 73 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | .20 | RADI | 13 | | .20 | RADI | 13 | W4444444 C040000000 |
| ¥ | 1Y: 0 | SOLAR | 12 | 1 000000000000000000000000000000000000 | 1Y: 0 | SOLAR | 12 | | TY: 0 | SOLAR | ~ | 00000000 000000000 00000000000000000 |
| | CIIVI | HOURLY | 1 1 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | CTIVI | OURLY | 11 | 000000000000000000000000000000000000 | ECTIVI | OURLY | 11 | W44444444 V04888888 |
| | REFLE | H | 10 | 00000000000000000000000000000000000000 | REFLE | HO | 10 | | REFLE | HO | 10 | WULL |
| YRACUSE | | | 0 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | Φ. | | _ | | ۍ. | 1 4 8 4 4 4 6 6 6 4 8 |
| SYR | | | 40 | 000000000000000000000000000000000000000 | | | •0 | 000000000000000000000000000000000000000 | | | ∞ | 000000000000000000000000000000000000000 |
| LOCATION | 3.92 | | 7 | 1000000000 | 5.73 | | | 00000000 | 7.79 | | 7 | 600000000000000000000000000000000000000 |
| LOCA | H0: | Ŧ | | 1000000000 | HO: | I | • | | : 9 | ~ | | |
| | HORIZ. | SOUTI | | | HORIZ. | SOUT | S | | HORIZ. | SOUTH | ĸ | |
| | ~ | TION: | | | 8 | :NOI | | 000000000 | m | : NOI. | | |
| | MONTH: | ORIENTA | _ | 200 200 200 200 200 200 200 200 200 200 | MONTH: | ORIENTATI | - | 60000000000000000000000000000000000000 | MONTH: | ORIENTAT | - | 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |

| | 0.184 | DAILY TOTAL | RADIATION | 4444444W | 0.185 | DAILY TOTAL | RADIATION | $\begin{array}{c} 4 \text{U} \text{U} \text{U} \text{A} \text{A} \text{A} \text{A} \text{A} \\ \text{U} \text{U} \text{U} \text{A} \text{A} \text{A} \text{A} \text{A} \\ \text{U} \text{U} \text{U} \text{U} \text{U} \text{U} \text{U} \text{U}$ | 0.187 | DAILY TOTAL | RADIATION | พพพพพพพพ ๑.๑.๗.๑.๓.๓ ๚๛๛พพ๛๓๓๗ |
|---------|-----------|-------------|-----------|--|-------------|-------------|-----------|--|--------|-------------|-----------|--|
| | KD: | | N | 00000000 | K E E | | | 00000000 | KD: | | 20 | 00000000 |
| ES | | | ~ 1 | 00000000 | | | 19 | 0000000 | | | 19 | |
| MIRUT | 23 | | | 00000000 | 643 | | 18 | 0.11 0.12 0.03 0.03 0.05 0.05 0.05 | 178 | | 2 | 00.00 |
| ^ | 9.0 | | | 000000000000000000000000000000000000000 | 4.0 | | 17 | NUNNHHHH | 4.0 | | | 00 00 00 00 00 00 00 00 00 00 00 00 00 |
| GREES | •• | | 16 | 8888888788 8888888788 | | | 16 | 00000000000000000000000000000000000000 | •• | | 16 | 00000000000000000000000000000000000000 |
| 43 DE | X | | 15 | 000000 00000 00000 00000 00000 | × | _ | ~ | 0000000 44444444 4844444 | Ā | _ | ~ | 0000000 0000000 0000000000000000000000 |
| UDE | | ATION | 14 | 000000000 0444444444 0000000000 | | ATION | 16 | 00000000 0000000 00000000044 0000000000 | | ATION | 14 | 00000000000000000000000000000000000000 |
| LATIT | 0.20 | R RADI | 13 | 00000000 0000000 00000000 00000000 | 0.20 | R RADI | 13 | | 0.20 | R RADI | | 00000000000000000000000000000000000000 |
| × | I 7 Y : (| SOLA | ~ | | ITY: (| SOLAF | - | 0000000 000000 000000 000000000 | ITY: (| SOLA | | 00000000000000000000000000000000000000 |
| | ECTIV | OURLY | 11 | | ECTIV | OURLY | 11 | 00000000 1011011101101010104 0804887484 | ECTIV | OURLY | 11 | |
| ш | REFL | Ξ | 10 | 000000000 444444444 188000000 | REFL | Ĩ | 10 | 00000000000000000000000000000000000000 | REFL | Ī | 0 | 000000000 000000000 000000000000 00000000 |
| RACUS | | | 0 | 00000000 000000000 00000000000000 | | | | 44444444 4044444 | | | Φ | 000000000000000000000000000000000000000 |
| SY | 7 | | w | 1 000000000 | m | | •0 | 44886666666666666666666666666666666666 | m | | 40 | 000000000000000000000000000000000000 |
| OCATION | 9.8 | | 7 | | 11.2 | | 7 | 00118 | 11.7 | | 7 | 00.233330000000000000000000000000000000 |
| 100 | . но: | H. | 9 | 000000000 000000000 000000000 | . HÖ. | TH | 9 | 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | . но | Ŧ | 9 | 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| | HORIZ | SOUT | | 00000000 | HORIZ | SOUTH | | 000000000000000000000000000000000000000 | HORIZ | SOUTI | | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| | J | TION: | | | ٠, | TION: | | 00000000 | • | TION: | | |
| | MONTH: | ORIENTA | ; | 717 717 717 717 717 717 717 717 717 717 | MONTH: | ORIENTA | i | 60000000000000000000000000000000000000 | HINOH: | ORIENTA | į | 20000000000000000000000000000000000000 |

| | 0.188 | DAILY TOTAL | RADIATION | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 0.187 | DAILY TOTAL | RADIATION | \$\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | 0.187 | DAILY TOTAL | RADIATION | 602344444 60236666 6034666 6034666 |
|----------|--------|-------------|-----------|---|--------|-------------|-----------|--|--------|-------------|-----------|--|
| | KD: | | | 00000000 | K0: | | | 00000000 | KĐ: | | 0.7 | 00000000 |
| ES | | | 19 | 00000000 | | | 19 | 00000000 | | | 19 | |
| MINUT | 94 | | | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 40 | | 18 | 00000000000000000000000000000000000000 | 74 | | 18 | |
| ^ | 0.4 | | 17 | 00000000000000000000000000000000000000 | 4.0 | | 17 | AAAAAAAA | 9.6 | | 17 | |
| EGREES | | | 16 | 000000000000000000000000000000000000 | _ | | 16 | 22222222 | | | 16 | 22.22.22.22.22.22.22.22.22.22.22.22.22. |
| 43 DE(| X | | 15 | 1 4 0 0 0 8 7 4 4 4 0 0 0 8 7 8 8 7 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 | K | | 15 | 4444444 444444 44444 | ¥ | | 15 | WWW7444W 470000H080 |
| UDE | | ATION | 14 | WW | | ATION | | ຕໍ່ຕູ້ພູດີເຄີດ ຊາດ ຈຸດ ຈຸດ ຕູ້ພູດ ຊາດ ຈຸດ ຈຸດ ຕູ້ພູດ | | ATION | | 1 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 |
| LATIT | .20 | RADI | 13 | ~~~~~~~~~~ พพ.~~พ.~~ | . 20 | RADIA | į | 840888888 8408888 | .20 | RADI | 13 | ֏ᲜᲜᲜ ᲡᲡᲡᲡᲡᲡᲡᲡᲡᲡ ᲑᲮᲮᲓᲐᲑᲓᲓᲑ |
| × | TY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | <i>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</i> | IY: 0 | SOLAR | 12 | 1 1 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 |
| | CTIVI | URLY | 11 | 00000000 | CTIVI | HOURLY | 11 | <i>MAGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG</i> | CTIVI | HOURLY | 11 | |
| | REFLE | H | 10 | 0000000 1114 1144 1144 | REFLE | H | 10 | | REFLE | 뫄 | 10 | 0 . 43 0 . 52 0 . 52 0 . 52 0 . 52 0 . 52 0 . 52 |
| ACUSE | | | ~ | 00000000000000000000000000000000000000 | | | • | 000000 44444 84444 84444 84444 84444 84444 | | | 0 | 00000000000000000000000000000000000000 |
| SYR | | | | 00000000000000000000000000000000000000 | | | •0 | 00000000000000000000000000000000000000 | | | •0 | 22.000.000 |
| LOCATION | 11.22 | | ~ | 00.22 | 9.80 | | 7 | | 7.76 | | _ | |
| LOCA | H0: | Ŧ | 9 | 00.000000000000000000000000000000000000 | HQ: | × | • | 00000000 | HO: | Œ. | 9 | |
| | HORIZ. | SOUTH | 5 | 000000000000000000000000000000000000000 | HCRIZ. | SOUTH | 2 | 00000000 | HORIZ. | SOUT | ĸ | 00000000 |
| | ^ | TION: | | 00000000 | •• | TION: | | 000000000 | 6 | ION: | | 00000000 |
| | MONTH: | ORIENTAI | - | 11 C - | MONTH: | ORIENTAT | | 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | MONTH: | ORIENTAT | ï | 20.00 20.00 20.00 35.00 50.00 60.00 |

| | 0.185 | DAILY TOTAL | RADIATION | 00000000000000000000000000000000000000 | 0.180 | DAILY TOTAL | RADIATION | 11.52 1.64 1.66 1.65 1.65 1.65 1.65 1.65 1.65 1.65 | 0.125 | DAILY TOTAL | RADIATION | 0.1.1.1.1.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0 |
|---------|--------|-------------|-----------|--|----------|-------------|-----------|---|----------|-------------|-----------|---|
| | KD: | | 20 | 00000000 | Ϋ́ | | 20 | 00000000 | Ö | | 20 | 00000000 |
| TES | | | 19 | | | | 19 | 00000000 | | | 19 | 000000000 |
| MINUTE | . 436 | | | 00000000 | 324 | | 18 | | 277 | | 18 | 000000000 |
| 2 7 | 6 | | 17 | 00000000 | ö | | 17 | 00000000 | 6 | | 17 | 000000000 |
| EGREE | ä | | | 1 | <u>:</u> | | 16 | 000000000000000000000000000000000000000 | Ë | | 16 | |
| 43 D | ¥ | z | 15 | | × | 2 | 15 | 0.13 | * | z | 15 | 00 |
| ATITUDE | | IATIO | 14 | 00000000 0000000 00000000 000000000 | | IATIO | _ | 00.22 00.22 00.22 00.25 00.25 00.25 | | IATION | 14 | |
| LATI | 0.20 | R KAD | 13 | 00000000 0000000 044444000 | 0.20 | R RAD | 13 | | 0.20 | RRAD | 13 | HE WINNING WIN |
| ¥ | ITY: | SOLA | ~ ! | 1 00000000 1 00000000 1 00000000 | 1¥: | SOLA | 12 | 0.22 0.22 0.33 0.33 0.33 | 17: | SOLA | 12 | |
| | ECTIV | HOURLY | 11 | 00000000 W44444000 | ECTIVI | OURLY | 11 | 0.24 0.27 0.28 0.30 0.30 0.31 | ECTIVI | OURLY | 11 | 00.25 |
| m | REFL | I | | 1 00 00 00 00 00 00 00 00 00 00 00 00 00 | REFL | I | 10 | 0.22 | REFL | × | | 00.000 |
| RACUS | | | 6 | 0 | | | 6 | 100 100 100 100 100 100 100 100 100 100 | | | 6 | 0.00 |
| ŞΥ | 2 | | €0 | 001100000000000000000000000000000000000 | ₩ | | • | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | J | | •• | |
| OCATION | 5.6 | | | | w. | | 7 | 00000000 | 3.2 | | 7 | 000000000 |
| 201 | . HO: | TH | 9 | 00000000 | . H0: | H | 9 | 000000000 | . #Q | TH | 9 | 000000000 |
| | HORIZ | SOUTI | S | 000000000 | HORIZ | SOUTI | ĸ | | HORIZ | SOUTH | 'n | 00000000 |
| | 10 | TION: | 4 | | 11 | TION: | | 00000000 | 12 | TION: | | 00000000 |
| | MONTH: | ORIENTATI | : | 20.00 20.00 35.00 50.00 60.00 | MONTH: | ORIENTA | ; | 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | MONTH: | ORIENTATI | 7 | 220.00 220.00 220.00 250.00 60.00 |

| | 0.180 | DAILY TOTAL | RADIATION | 11111111111111111111111111111111111111 | 0.180 | DAILY TOTAL | RADIATION | 0.000000000000000000000000000000000000 | 0.182 | DAILY TOTAL | RADIATION | wwwwwwwww 6 00044460 ww ranana |
|---------|---------|-------------|-----------|--|--------|-------------|-----------|---|--------|-------------|-----------|---|
| | ΚĎ | | 20 | | Š | | 2 | 00000000 | ΚĎ | | ~ | |
| res | | | 19 | | | | - | | | | | 000000000 |
| MINUT | 114 | | - | 900000000 | 337 | | | | 111 | | | 000000000 |
| 55 | 0.3 | | 13.7 | 00000000 | 0.3 | | 17 | 000000000000000000000000000000000000000 | 0.3 | | ~ | 000000000000000000000000000000000000000 |
| EGREES | | | 16 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | •• | | 16 | 0000000 HUNDAAAAA | | | - | 00.20 |
| 40 DE | K | | 15 | | X | _ | 15 | | K | | 15 | 000000000000000000000000000000000000000 |
| TUDE | | ATION | 14 | | | ATION | 14 | | | ATION | | 000000 000000 000000 0000000 |
| LATIT | 1.20 | PADI | 13 | | 1.20 | RADI | 13 | 00.00 00 | .20 | RADI | 13 | 00000000000000000000000000000000000000 |
| HO | :TY: 0 | SOLAR | ~ | 00000000000000000000000000000000000000 | TY: 0 | SOLAR | 12 | 00000000 00000000000000000000000000000 | 17: 0 | SOLAR | 12 | 00000 00000 00000 00000 00000 00000 |
| | ECTIVI | HOURLY | | 00.22 | ECTIVI | HOURLY | 1 | | ECTIVI | HOURLY | 11 | |
| -CANTON | REFLE | ¥ | | 000000000000000000000000000000000000000 | REFLE | ¥ | | 000000000 0000000000000000000000000000 | REFLE | ¥ | ~ | 000000000000000000000000000000000000000 |
| RON-CA | | | 6 | 00.15 | | | 6 | 0000000 000000000000000000000000000000 | | | 6 | 000000000000000000000000000000000000000 |
| AK | 0 | | •0 | 0.05 0.05 0.00 0.00 0.00 0.00 0.00 80 0.00 | _ | | •0 | 0000000 | | | •0 | 000000000000000000000000000000000000000 |
| OCATION | 4.30 | | ^ | 000000000 | 6.07 | | 7 | 00000000000000000000000000000000000000 | 8.06 | | / | 800000000000000000000000000000000000000 |
| 10C | . HO: | Ξ | | 00000000 | . HO: | Ξ | | 00000000 | . H0: | Ξ | | 00000000 |
| | HORIZ | SOUTH | Ś | 00000000 | HORIZ | SOUTH | | | HORIZ | SOUT | 5 | 000000000 |
| | 7 | : NOI | | 00000000 | 2 | :NOI | | | m | TION: | • | 00000000 |
| | FIONTH: | ORIENTAT | | 71[7 0.0 20.00 25.00 35.00 55.00 60.00 | HONTH: | ORTENTAT | | 65 60 60 60 60 60 60 60 60 60 60 60 60 60 | MONTH: | ORIENTAT | i | 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |

| | 0.184 | LY TOTA | DIATION | ۲ | J | . 4 | 7 | • | M | 2 | 4.05 | • | 0.186 | LY TOTA | DIATION | | 5.26 | 30 | 7 | 0 | 9. | , | . 0 | 0.188 | LY TOTA | DIATION | 44555555555555555555555555555555555555 |
|----------|--------|---------|---------|-----|-------------|-----|------|------|-----|------|-------|----------------|--------|------------|---------|---|------|------------|------|------|---------|------|-------|---------|---------|---------|--|
| | | DAI | RA | | | | | | | | | | | DAI | X | | | | | | | | | | DAI | RA | |
| | KD: | _ | 20 | į | • | • | • | | • | • | e 6 | • | KD: | _ | 20 | Ĺ | | • | • | • | • | ٠ | 90 | KD: | _ | | |
| ES | | | 19 | | - C | , e | | . 0 | 0. | 0, | | > | | | 13 | ; | 0.9 | - | 0 | 0 | | 9.6 | 0.01 | | | 19 | 000000000000000000000000000000000000000 |
| MINUTE | 27 | | 18 |) (|) C | | 9 | . 0 | ت | 0. | 0.03 | ? | 29 | | 18 | 1 | ~: | ? c | | - | 0 | D | 0.02 | 95 | | 18 | 00.00 |
| 55 | 4.0 | | 17 | ! • | 7 | • | • | • | 7 | ~ | 9.13 | ٦. | 4.0 | | 11 | 1 | 4 | iu | | 7 | <u></u> | ٦,- | 0.13 | 4.0 | | 11 | 000000000000000000000000000000000000000 |
| DEGREES | •• | | 16 | (| 'n٧ | | iv | . ~ | 3 | ij | 0.25 | 7. | •• | | 16 | 1 | w | ? " | M | " | ا ن | ٠, c | 0.22 | | | 16 | |
| 40 DE | X | | 15 | ! ' | ? d | | . 4 | • | • | 1. | 0.37 | ? | X | _ | 15 | 1 | * | † 4 | | * | • | * | 9.70 | X | | 15 | |
| TUDE | | ATION | 7 | 1 - | * 4 | ي . | , r | , 4 | 4 | 4 | 95.0 | . | | ATION | 14 | 1 | i | Ų. | , . | 'n | ij | ů, | 0.45 | | ATION | 14 | |
| LATET | .20 | RADI | 23 | ! 4 | Ú ĸ |) ¥ | ٦. | , 47 | Š | 3 | 0.52 | • | .20 | RADI | 13 | | 9 | 0 | • | • | 9 | ٠. | 0.51 | .20 | RADI | 13 | |
| HO | 17Y: 0 | SOLAR | 12 | ! * | Ü ĸ | , u | | ļ | 'n | 5 | 0.54 | j | TY: 0 | SOLAR | 12 | | ٠. | ۰ | | 9 | 9. | ٠, | 0.53 | TY: 0 | SOLAR | | 20000000000000000000000000000000000000 |
| | ECTIVI | OURLY | | 1 4 | Ú ĸ | 'n | | , r. | | 'n | 0.52 | • | ECTIVI | HOURLY | 11 | | ٠. | ۰ | | 9 | 9 | ن | 0.51 | ECTIVI | OURLY | | 2222222 222222 222222 222222 22222 22222 |
| CANTON | REFLE | ¥ | 10 | ! | * 4 | . 4 | | , 4 | • | • | 0.46 | 5 . | REFLE | ¥ | 10 | | Ŋ. | ن د | , " | 14) | 5. | 'n. | 0.45 | REFLE | ž | 10 | 00000000000000000000000000000000000000 |
| KRON-CA | | | 6 | ! ' | ? ' | | | . • | | · ~? | 0.37 | ٠. | | | • | | 4 | 5 (| 9 | • | * | 4 | 0.36 | | | σ. | 0.51 0.50 0.50 0.40 0.42 0.42 0.42 |
| AK | • | | •• | ; 1 | ii | i | , , | 30 | | | 0.25 | ù | | | •0 | • | M | ·? # | 3 10 | 'n | ٠, | i, i | 0.28 | | | •0 | 20000000000000000000000000000000000000 |
| LOCATION | 10.02 | | | ! ' | ∹- | - | -: - | : - | • | : =: | 0.13 | - . | 11.27 | | ^ | | 2 | 'nc | i | : –: | ٦. | ~: | 0.13 | 11.72 | | ^ | 00.22.23.00.00.00.00.00.00.00.00.00.00.00.00.00 |
| 7007 | . HO: | Ξ | • | 1 | > | ? < | | | . = | . 0 | 0.03 | 6. | . HO: | Ξ | • | | 7 | 9 | | | 0 | Θ. | 0.02 | . HO: | Ξ | • | 0.000.000.000.0000.0000.0000.0000.0000.0000 |
| | HORIZ | SOUT | | ŧ | ٠ | ٠ | ٠ | ٠ | • | • . | 0.0 | • | HORIZ | SOUTH | 4 | ŧ | 0 | D. c | | . 0 | 0. | 9 | 0.0 | HORIZ | SOUT | 40 | 00000000 |
| | • | TION: | | • | • | ٠ | ٠ | • | | | 0.0 | • | Ŋ | TION: | • | 1 | • | • | • | | • | • | e e | 9 | 110N: | 4 | 00000000 |
| | MONTH: | ORIENTA | : | _ | 9 | > ¢ |) c |) c | | . 0 | 50.00 | 0.0 | MONTH: | ORIENTATIO | | _ | 0.0 | ٠. و و | | 90 | 5.0 | 0.0 | 50.00 | HIONTH: | ORIENTA | | 711.7 0.0 20.0 25.00 35.00 40.00 60.00 |

| | 0.188 | DAILY TOTAL | RADIATION | NNNNNNNA4 ************************************ | 0.187 | DAILY TOTAL | RADIATION | ଌ୷୷୷୷୷୷୷୷ ଌୢ୷୷୷୷୷୷୷ ଌୢ୷୷୷୷୷୷୷ | 0.188 | DAILY TOTAL | RADIATION | 44444444 9440 9440 940 940 944 944 944 9 |
|----------|--------|-------------|-----------|--|--------|-------------|-----------|--|----------|-------------|-----------|--|
| | KD: | | | 00000000 | KD: | | 20 | 99999999 | KD: | | 20 | 00000000 |
| ES | | | | | | | 19 | 20200000 | | | 19 | 00000000 |
| MINUTES | 00 | | | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 90 | | | 00000000000000000000000000000000000000 | 00 | | 18 | |
| 55 | 6.5 | | 17 | 20000000000000000000000000000000000000 | 0.50 | | 11 | 00000000 | 6.5 | | 11 | |
| SREES | •• | | - | WWWWWWWW | | | - | 0000000 00000000000000000000000000000 | | | 91 | 447888874 |
| 40 DEGR | KT | | 15 | 0 m | X | | | 4444444 478887444 | K | | 15 | W4444444 POUMU44MH |
| | | RIION | 14 | 50000555555 50000555555 | | IATION | 14 | 000000000000000000000000000000000000 | | IATION | 14 | 4 555555555555555555555555555555555555 |
| LATITUDE | . 20 | RADIA | 13 | | .20 | RADI | 13 | 00000000000000000000000000000000000000 | .20 | RADIA | 13 | 15000000000000000000000000000000000000 |
| H | TY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | 4 7 9 9 9 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 | TY: 0 | SOLAR | 12 | N |
| • | ECTIVI | HOURLY | 11 | 46666666111 157776111111111111111111111111111111111 | ECTIVI | HOURLY : | 11 | N00000000 | FLECTIVI | OURLY ! | 11 | WW W W W W W W W W W W W W W W W W W |
| -CANTON | REFLE | H | 10 | 00000000000000000000000000000000000000 | REFLE | 문 | _ | | REFLE | HO | | ************************************** |
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| AKRON | | | ••• | 00000000000000000000000000000000000000 | | | ••• | 00000000000000000000000000000000000000 | | | •• | 22.22.22.22.22.22.22.22.22.22.22.22.22. |
| LOCATION | 11.26 | | ~ | 200000000000000000000000000000000000000 | 9.95 | | ~ | 0000NNG4N | 8.02 | | 7 | |
| LOCA | 94 | I | | 00.00 | НО: | I | • | | HO: | I | 9 | 000000000 |
| | HORIZ. | SOUTH | | 00000000 | HORIZ. | SOUTH | 50 | 00000000 | HORIZ. | SOUT | | 00000000 |
| | _ | : NOI | * | 00000000 | •• | ION: | • | 00000000 | 6 | ION: | • | 00000000 |
| | MONTH: | ORIENTAT | ; | 711- 700-00-00-00-00-00-00-00-00-00-00-00-00- | MONTH: | ORIENTAT | ; | 60000000000000000000000000000000000000 | MONTH: | ORIENTATI | ; | 20000000000000000000000000000000000000 |

| | 0.187 | DAILY TOTAL | RADIATION | 20000000000000000000000000000000000000 | 0.182 | DAILY TOTAL | RADIATION | 110000000 881000000 881000000 | 0.179 | DAILY TOTAL | RADIATION | HHHHHHHH HW 4 W 3 W 5 W 7 V H 9 W 9 W 9 W 9 W 9 W 9 W 9 W 9 W 9 W 9 |
|----------|-------------|-------------|-----------|--|-----------|-------------|-----------|--|----------|-------------|-----------|---|
| | ΚĎ | | 20 | 00000000 | Ä | | | 0000000 | KD: | | | |
| JTES | | | 19 | 00000000 | | | 19 | | | | 19 | 00000000 |
| MINUTES | 619 | | 38 | 80800000 | 373 | | 18 | | 307 | | 18 | 00000000 |
| :5 55 | | | 17 | 66666666 | ė | | 17 | 00000000 | • | | ÷ | 00000000 |
| DEGREES | :: | | 16 | 00000000 | Ë | | 16 | | <u>:</u> | | 16 | 000000000 |
| 40 | ~ | NO. | 15 | 00000000 | ~ | z | 15 | 00000000 | * | × | 15 | 00000000 |
| ITUDE | | DIATIC | 7 | 00000000 | | IATIC | 7 | | | IATIO | 14 | 00000000 |
| LAT | 0.20 | AR RAI | į | | 0.20 | IR RAD | 13 | | 0.20 | R RAD | 13 | 00000000 |
| НО | /ITY: | SOL | 12 | 1 400000000000 | /ITY: | SOLAR | 12 | 9999999 | ITY: | SOLA | | 00000000 |
| ~ | EFLECTIVITY | HOURLY | 11 | i aannnnnnnun | FLECTIVI | HOURL Y | 11 | | ECT IV | HOURLY | 11 | |
| -CANTON | REF | _ | 10 | i waaaaaana | REFI | _ | 10 | NACIONALMAN | REFL | _ | 10 | 200000000 |
| KROH- | | | 6 | | | | (| | | | • | |
| ∢ | .97 | | | | 26 | | | 0000000 | 29 | | •• | |
| LOCATION | 'n | | 1 | | | | | 60000000 | | | | 000000000 |
| 2 | .Z. HO: | SOUTH | 9 | 00000000 | Z. HO | SOUTH | | 00000000 | Z. HO | юпти | | 00000000 |
| | HORIZ | 35 | 1 | | HORIZ | | 1 | 00000000 | HORIZ. | v, | | 00000000 |
| | 10 | AT I UN: | | 00000000 | 11 | AT I ON: | | 800000000 | 12 | TION: | * | 000000000 |
| | MONTH: | ORIENTATION | - | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | MONTH: | ORIENTA | = | 00000000000000000000000000000000000000 | MONTH: | ORIENTA | ; | 50000000000000000000000000000000000000 |

| | 0.181 | DAILY TOTAL | RADIATION | 22222222222222222222222222222222222222 | 0.182 | DAILY TOTAL | RADIATION | 2000000000 200000000 2000000000 | 0.183 | DAILY TOTAL | RADIATION | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ |
|-----------|--------------------|-------------|-----------|--|------------|-------------|-----------|--|----------|-------------|-----------|--|
| | KĐ: | | 2 | 00000000 | Š | | ~ | 65000000 | Ω. | | | 00000000 |
| TES | | | | | | | 3.9 | | | | 19 | · · · · · · · · · · · · · · · · · · · |
| MINUTES | 342 | | 18 | 000000000 | 366 | | _ | 000000000 | 391 | | 18 | 90000000 |
| \$ | | | 17 | 00000000 | • | | 17 | 00000000000000000000000000000000000000 | ė | | 17 | |
| PEGREES | :: | | _ | | Ë | | 15 | 00000000 | <u>:</u> | | 16 | |
| 39 13 | × | Z | | 00000000 | * | ¥ | 15 | ***** | ¥ | Z | | 000000000 |
| TUDE | | MATTON | 14 | 00000000 | | DIATIO | | 00000000 | | ILATIO | 14 | |
| LATI | 0.20 | IR RAD | 13 | | 0.20 | R | 13 | 0000000 | 0.20 | IR RAE | 13 | 00000000 |
| Ð | /ITY: | SOLA | - | INMMMMMMM | /ITY: | r SOLA | | 00000000 | /ITY: | SOLA | 12 | |
| | EFLECTIVITY | HOURLY | 11 | INNIMMININ | FLECTIVITY | HOUREY | 11 | 60400000 60000000 WWW.4444 | LECTIV | HOURLY | 1 | # # # # # # # # # # # # # # # # # # # |
| HATI | REFI | _ | 10 | | REF | _ | - | | REFL | - | ~ | I MOBBBBBBBB - |
| INCINNATI | | | | | | | • | | | | • | |
| <u>z</u> | 19: | | | 1000000000 | 36 | | | คีลีลีลีลีลีลล อออออจกอย ททททททงงง | 27 | | • | |
| LOCATION | | | | | 6. | | | | •• •• | | | |
| 5 | Z. H0 | SOUTH | | | .Z. HO | SOUTH | | | Z. HO | SOUTH | | 00000000 |
| | HORIZ | . S0 | | | H0R12 | . SO | | 00000000 | HORIZ | | | |
| | - | Ž | | 00000000 | ~ | ION | | 000000000 | n | 1 T I ON : | • | 90000000 |
| | MONTH: | ORIENTATI | 1 | 60000000000000000000000000000000000000 | MONTH: | ORIENTAT | ; | | MONTH: | ORIENTATI | ; | 22000000000000000000000000000000000000 |

| | 0.185 | DAILY TOTAL | RADIATION | ተቀቀቀቀቀቀቀ ተያያያያያያ ተያያያያ ተያያ ተያ ተያ ተያ ተያ ተያ ተያ ተያ | 9.186 | DAILY TOTAL | RADIATION | 88888888888888888888888888888888888888 | 9.188 | DAILY TOTAL | RADIATION | NUNNUNUAA ****************************** |
|-----------|-----------|-------------|-----------|---|----------|-------------|---------------|---|-----------|-------------|-----------|--|
| | KĐ: | | 20 | | Ş | | | | Ϋ́ | | | |
| ES | | | 19 | 0000000 | | | 19 | 00000000 | | | • | |
| MINUTES | 35 | | 82 | | 467 | | 18 | 000000000 0000000000000000000000000000 | 95 | | 18 | |
| • | 4.0 | | 17 | 00.15 | 4. | | $\overline{}$ | ###################################### | • | | | |
| GREES | •• | | 91 | | •• | | _ | 60000000 www.ww.ww.co | ** | | 16 | |
| 39 DEGRI | Ţ | | 15 | 00000000000000000000000000000000000000 | K | | 15 | | K | | 15 | 5055144444 111655075144 |
| | | ATION | 1.4 | \$215000000000000000000000000000000000000 | | ATION | 14 | | | ATION | 14 | 「あるるちろろろろろん」の主命なるである。 |
| LATITUDE | .20 | RALI | 13 | 0.00000000000000000000000000000000000 | .2 | RADI | 13 | | .20 | RADI | 13 | ************************************** |
| ¥ 0 | TY: 0 | SOLAR | 12 | | 17: • | SOLAR | 12 | | TY: 9 | SCL AR | _ | 4444444 7444444 |
| | EFLECTIVI | HOURLY | 11 | 1 4 4 5 7 7 7 4 7 7 9 7 7 9 7 9 7 9 7 9 7 9 7 9 | ECTIVITY | HOURLY | 11 | 00000000000000000000000000000000000000 | EFLECTIVI | HOURLY | 11 | 41-7-45-45-45-45-45-45-45-45-45-45-45-45-45- |
| = | REFLE | Ę | 10 | \$000000\$\$\$ \$000000\$\$ | <u> </u> | H | 10 | 1615 1615 | REFLE | 5 | 3.0 | 20000000000000000000000000000000000000 |
| INCINNATI | _ | | • | | | | | nnn ein an ein | | | • | 00000000000000000000000000000000000000 |
| CIK | | | | 00000000000000000000000000000000000000 | | | | | | | •• | 000000000000000000000000000000000000 |
| 110M | 10.13 | | ^ | 000000000000000000000000000000000000 | | | ^ | | 11.71 | | ^ | 000000000000000000000000000000000000 |
| LOCATION | : | ~ | φ | 000000000000000000000000000000000000 | 2 | - | _ | | 5 | - | • | 100000000000000000000000000000000000000 |
| | HORIZ. | SOUTH | ĸ٦ | 000000000 | RIZ. | SOUTH | 5 | | HORIZ. | SOUTH | | 20000000 |
| | Ŧ | ION: | | 000000000 | | ION: | • | | T | : NO. | | 66666666 |
| | MONTH: | ORIENTATI | i | | DNT | ORIENTATI | i | | MONTH: | OFIENTATION | ; | 20000000000000000000000000000000000000 |

| | 0.188 | DAILY TOTA | RADIATION | พุพพุพพพพุ พุพพุพพพพ พุพพุพพพพ พุพษพพพพ | 0.186 | DAILY TOTAL | RADIATION | ~~~~~~~ ~~~~~~~~~~~ ~~~~~~~~~~~~~~~~~~ | 0.188 | DAILY TOTAL | RADIATION | 44444444 146777744 84888777744 |
|-----------|--------|------------|-----------|---|----------|-------------|-----------|--|--------|-------------|-----------|---|
| | KD: | | 2 | 00000000 | KD: | | 20 | 00000000 | KD: | | 20 | 00000000 |
| ES | | | 6: | | | | | 00000000 | | | | |
| MINUT | 495 | | ~ 1 | 00.000000000000000000000000000000000000 | 512 | | 18 | 00000000 0000000 000000000000000000000 | 205 | | 18 | 00000000 |
| S 4 | 9. | | 17 | 00000000 48282844 4828868 | 0 | | 17 | 0.19 0.18 0.18 0.17 0.16 0.16 | 0 | | 17 | |
| EGREES | | | 16 | 00000000 80000000000000000000000000000 | <u>:</u> | | 9 | 00000000000000000000000000000000000000 | ë | | 16 | 000000000000000000000000000000000000000 |
| 39 DE | ¥ | ~ | | 00000000 0000000 00000000 000000000 | Ξ | ~ | 15 | 0.47 0.48 0.48 0.48 0.48 0.48 0.48 0.48 | ¥ | - | 5 | 00000000000000000000000000000000000000 |
| ITUDE | | IATION | 14 | 00000000 00000000 0000000000 | | IATION | | 0.50 0.60 0.60 0.60 0.60 0.50 0.50 0.50 | | TATION | 7.4 | 00000000000000000000000000000000000000 |
| LATI | 0.20 | R RAD. | 13 | 0000000 000000 0000000 0000000 | 0.20 | R RAD | 13 | | 0.20 | R RAD) | 13 | 00000000000000000000000000000000000000 |
| НО | ITY: | SOLA | 12 | 0000000 000000000000000000000000000000 | ITY: | SOLAI | 12 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | ITY: | SOLA | | 00000000 0000000000000000000000000000 |
| | ECTIV | OURLY | | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ECTIV | OURLY | r=: =1 | 0000000 000000 0000000 000000000000000 | ECTIV | OURLY | 11 | |
| ATI | REFL | x | 10 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | REFL | Ξ | _ | 00000000000000000000000000000000000000 | REFL | Ξ | _ | 1 |
| INCINNATI | | | 0 | 00000000000000000000000000000000000000 | | | • | 00000000000000000000000000000000000000 | | | 6 | 00000000000000000000000000000000000000 |
| CI | | | | 0000000 000000000000000000000000000000 | | | •0 | 0000000 00000000 000000000000000000000 | | | • | 22.00.00 |
| ATION | 11.28 | | 7 | 665555666 4852555555 | 10.06 | | ^ | HAHAHAHA | 8.23 | | | 11.000000000000000000000000000000000000 |
| 7007 | . H0: | Ξ | 9 | 0.0000000000000000000000000000000000000 | . HO: | æ | 9 | 00000000000000000000000000000000000000 | H0: | Ŧ | 9 | 00000000 |
| | HORIZ | SOUT | τ. | 000000000 | HORIZ. | SOUTH | | 00000000 | HORIZ. | SOUT | | 00000000 |
| | ^ | TION: | | 00000000 | •• | TION: | - | 00000000 | • | LION: | - | 000000000 |
| | MONTH: | ORIENTA | ; | 7117 0.0 10.0 20.00 30.00 40.00 60.00 | MONTH: | ORIENTA | - | 60000000000000000000000000000000000000 | MONTH: | ORIENTAT | ; | 10.0 20.00 25.00 30.00 50.00 50.00 |

| | 0.188 | DAILY TOTA | RADIATION | WWWWA444 HW86HHV66 WWA6D8486 | 0.183 | DAILY TOTA | RADIATION | 10000000000000000000000000000000000000 | 0.181 | DAILY TOTA | RADIATION | 22222222222222222222222222222222222222 |
|---------|------------|------------|-----------|--|--------|------------|-----------|--|--------|------------|-----------|---|
| | KD: | | 2 | 00000000 | Š. | | | 00000000 | KD: | | 20 | |
| HUTES | | | | 00000000 | | | 19 | | | | 19 | 000000000 |
| Ξ | 665 | | - | 00000000 | 405 | | 18 | | 346 | | 18 | 00000000 |
| S 4 | 9. | | 17 | 00.00 00.00 00.00 00.00 | | | 17 | | | | 17 | 00000000 |
| EGGEE | : - | | 15 | 000000000000000000000000000000000000000 | Ë | | 15 | 0.00 | ä | | - | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 |
| 39 D | × | * | 15 | 00000000000000000000000000000000000000 | ¥ | z | 15 | 00000000000000000000000000000000000000 | ¥ | z | 15 | 000000000000000000000000000000000000000 |
| TUDE | | IATION | 14 | 20000000 24422222222 24824222222 | | IATIO | - | 00000000000000000000000000000000000000 | | IATIO | 14 | 00000000000000000000000000000000000000 |
| LATI | 0.20 | R RAD | 13 | | 0.20 | R KAD | 13 | 0000000 00000 00000 00000 00000 00000 | 0.50 | R RAD | 13 | 00000000 00000000000000000000000000000 |
| НО | ITY: | S01.AI | 12 | 1 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ITY: | SOLAI | | 00000000000000000000000000000000000000 | 1 X : | SOLAI | 12 | |
| | ECTIV | OURLY | 1 1 | | ECTIV | OURLY | ~ | 00000000000000000000000000000000000000 | ECTIVI | OURLY | 11 | |
| ATI | REFL | I | 10 | 20000000 20000000000000000000000000000 | REFL | I | 10 | 0000000 0000000 0000000 00000000 | REFL | Ξ | 10 | |
| NCIPN | | | 6 | 00000000 00000000 00000000000000000000 | | | 6 | 000000000000000000000000000000000000000 | | | 6 | 000000000000000000000000000000000000000 |
| CI | 5 | | 80 | 000000000000000000000000000000000000000 | 90 | | * | 0.08 0.10 0.11 0.11 0.12 0.13 | 4 | | •0 | 00000000000000000000000000000000000000 |
| OCATION | 6.2 | | 7 | 00000000000000000000000000000000000000 | 4.5 | | | 00000000 | 3.9 | | | |
| 100 | . но: | H. | | | . H0: | Ŧ | \$ | | . но | TK. | 9 | |
| | HORIZ | รดบ | | | HORIZ | SOU | | 000000000 | HORIZ | SOUT | S | |
| | 10 | TION: | | 00000000 | 11 | TION: | | 00000000 | 12 | TION: | 4 | |
| | MONTH: | ORIENTA | i | 50000000000000000000000000000000000000 | MONTH: | ORIENTAL | į | 60000000000000000000000000000000000000 | MONTH: | ORIENTAL | į | 110 100 100 250 250 250 250 250 250 250 250 250 2 |

| | 0.125 | DAILY TOTAL | RADIATION | 22.1.1.1.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2. | 0.180 | DAILY TOTAL | RADIATION | 00000000000000000000000000000000000000 | 0.182 | DAILY TOTAL | RADIATION | 20000000000000000000000000000000000000 |
|----------|--------|-------------|-----------|--|--------|-------------|-----------|---|--------|-------------|-----------|--|
| - | KD: | | | 000000000 | KD: | | 6 | 00000000 | ΚĎ | | 2 | 000000000 |
| TES | | | 19 | 00000000 | | | | | | | 19 | 000000000 |
| MINUT | 291 | | 18 | 200000000 | 316 | | 18 | 00000000 | 363 | | - | |
| 24 | 9 | | - | 00000000 | 0 | | 17 | 0000000 0000000 00000000 | 0 | | 17 | 000000000000000000000000000000000000000 |
| EGREES | ·• | | 16 | 200000000 200000000 200000000 | •• | | 97 | 000000000000000000000000000000000000000 | •• | | 16 | 000000000 |
| 41 DE | KT | | 15 | 00000000 100000000 100000000000000 | 7 | _ | | 86-1-1111111111111111111111111111111111 | ¥ | | p=4 | 00.000000000000000000000000000000000000 |
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| | CTIVI | DURLY | 11 | | ECTIVI | HOURLY | 11 | | CTIVI | HOURLY | 11 | |
| 9 | REFLE | H | 10 | | REFLE | Ħ | 10 | | REFLE | 940 | 10 | |
| EVELAND | | | 0 | 000000000000000000000000000000000000000 | | | 0 | 861-10000 11-100000 11-100000 | | | 0 | 00000000000000000000000000000000000000 |
| 27 | | | | 0.0000000000000000000000000000000000000 | _ | | | 000000000000000000000000000000000000000 | _ | | •0 | 000000000000000000000000000000000000000 |
| LOCATION | 4.21 | | | | 6.00 | | 7 | | 8.00 | | | 000000000000000000000000000000000000000 |
| 1007 | . но: | Ŧ | | 00000000 | . H0: | Ŧ | • | 00000000 | . H0: | Ξ | | 000000000 |
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| | - | : NOI. | | 000000000 | 8 | TION: | | | m | : NG I | | 000000000 |
| | MONTH: | ORIENTAT | i | 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | MONTH: | ORIENTAT | i | 2200.00 2200.00 2200.00 200.000 600.000 | MONTH: | ORIENTAT | | 71[1 200.00 200.00 435.00 65.00 65.00 65.00 65.00 |

| | 0.184 | DAILY TOTAL | RADIATION | 4444444 0444440 6604=0000 | 0.187 | DAILY TOTAL | RADIATION | 20000000000000000000000000000000000000 | 0.188 | DAILY TOTAL | RADIATION | NUNNUNNA 887.844 NEVARANI SERVICE BANI |
|---------|--------|-------------|-----------|--|--------|-------------|-----------|--|--------|-------------|-----------|---|
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| res | | | 19 | 000000000 | | | 19 | | | | - | 00000000 |
| MINUT | 529 | | 18 | 000000000 | 171 | | 8 I | | 96 | | 18 | |
| 24 | 9.6 | | 17 | 000000000000000000000000000000000000000 | 4.0 | | 17 | | 4.0 | | - | 00000000000000000000000000000000000000 |
| GREES | •• | | 15 | | • | | 16 | W W W W W W W W | ·• | | 16 | |
| 41 DE | X | _ | 15 | 00000000 0000000 000000000 0000000000 | X | _ | | কলক কলক কল লগ | Z | _ | 15 | 00000000000000000000000000000000000000 |
| rube | | IATION | 4 | ###################################### | | LATION | 1.4 | ผูนผูนผูนผูน | | IATION | 14 | 000000 00000 00000 00000 00000 00000 |
| LATIT | 0.20 | R RADI | - | 000000000 000000000 0000000000 000000 | 0.20 | R RADI | M | 00000000000000000000000000000000000000 | 0.20 | R RADI | Y T | 00.00 00 |
| H0 | ITY: (| SCLAS | - | 00000000000000000000000000000000000000 | ITY: (| SOLA | 12 | 60000000000000000000000000000000000000 | ITY: (| SOLAF | 7 T | 00000000000000000000000000000000000000 |
| | ECTIV | OURLY | - | | ECTIV | OURLY | 11 | 00.000 | ECTIV | ноичет | II | 000000000 00000000 0000000000000000000 |
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| ์ | ъ. | | •0 | 200000000 2000000000000000000000000000 | • | | •• | 00000000000000000000000000000000000000 | 2 | | •0 | 00000000000000000000000000000000000000 |
| OCATION | 9.9 | | ^ | 000000000000000000000000000000000000000 | 11.2 | | 7 | 0.23 0.23 0.23 0.23 0.13 0.13 | 11.7 | | ~ | 00000000000000000000000000000000000000 |
| 7007 | . HO: | 1 H | 9 | 00000000000000000000000000000000000000 | . но: | E | 9 | 0.11 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | . HO: | Ξ | Ś | 00.000.000.000.000.000.000.000.0000.0000 |
| | HOPIZ | SOU | | | HORIZ | SOUTH | Ŋ | 0.01 | HORIZ | SOUT | | |
| | 4 | TION: | J | 00000000 | ٧. | TION: | | | 9 | TION: | | |
| | HINCH | ORIENTAL | | 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | MONTH: | ORIENTAT | ; | 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | HINGW: | ORIEHTAT | i | 110 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 |

| | 0.186 | DAILY TOTAL | RADIATION | ស្រុសស្រុសស្រុង ក្រុក្ខភូមិនុស្ស ទីក្រុក្ខស្នង | 0.188 | DAILY TOTAL | RADIATION | 4.10.10.10.10.44 • 10.10.11.11.10.10.4 • 20.10.11.10.10.10.4 | 0.188 | DAILY TOTAL | RADIATION | សឧឧឧឧឧឧឧ ឧបៈឧ័សសសភាសាស ភេសសសភាសាស ភេសសសភ |
|----------|--------|-------------|-----------|--|------------|-------------|-----------|--|--------|-------------|-----------|---|
| | KD: | | S | 00000000 | KD: | | | 00000000 | KD: | | 20 | |
| TES | | | 19 | | | | | 000000000 | | | 61 | 000000000 |
| MINUT | 12 | | - | 000000000000000000000000000000000000 | 03 | | 18 | 00000000000000000000000000000000000000 | 91 | | 18 | 200200000 |
| 24 | 0.5 | | -4 | 000000000000000000000000000000000000000 | 0 80 | | | | 9.0 | | 17 | |
| GREES | | | 1.5 | WWWWWWWW | •• | | 16 | MAAMMUNDE | •• | | 16 | 2000000000 |
| 41 DE | ¥ | | 15 | WWWWW444W HWHHO&V%& | K | | | 24444444 248874840 | X | | | 000000000 000000000000000000000000000 |
| UDE | | ATION | 14 | | | ATION | | ST S S S S S S S S S S S S S S S S S S | | ATION | ~ | ֏ ԽԽԽԽԽԽԽ Փ ԵԽԽԳԳԳԽԻ |
| LATIT | .20 | RADI | | | .20 | RADI | | 14 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | .20 | RADI | 13 | W |
| OH | TY: 0 | SOLAR | | 000000000000000000000000000000000000000 | TY: 0 | SOLAR | 12 | 00 00 00 00 00 00 00 00 00 00 00 00 00 | TY: 0 | SOLAR | 12 | 00000000000000000000000000000000000000 |
| | CTIVI | URLY | 11 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | CTIVI | HOURLY | 1 1 | 00000000 0000000 000000000000000000000 | CTIVI | URLY | | 000000000000000000000000000000000000000 |
| ۵ | REFLE | H | 10 | 00000000000000000000000000000000000000 | REFLE | 5 | | 000000000 000000000 0000000000 000000 | REFLE | H | 10 | 00000000000000000000000000000000000000 |
| VELAND | | | _ | 00000000000000000000000000000000000000 | | | | 00000000 | | | ø | 000000000000000000000000000000000000000 |
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| | HORIZ | SOUT | | | HORIZ | SOUTH | | | HORIZ. | SOUT | 5 | |
| | 7 | : NOI. | | | * 0 | : NOI | | | 6 | :NOI | | |
| | MONTH: | ORIENTAT | ; | 111 0.00 0.00 320.00 40.00 60.00 60.00 | MONTH: | ORIENTAT | ; | 68600000000000000000000000000000000000 | MONTH: | ORIENTAT | | 20000000000000000000000000000000000000 |

| | 0.186 | DAILY TOTAL | RADIATION | 0 m m m m m m m m m m m m m m m m m m m | 0.181 | DAILY TOTAL | RADIATION | ************************************** | 0.125 | DAILY TOTAL | RADIATION | |
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| | ξ. | | 2 | 00000000 | ΚĎ | | 2 | 20000000 20000000 | ΚĎ: | | CI | |
| TES | | | | 000000000 | | | | 000000000 | | | | 000000000 |
| MINUTES | 464 | | 18 | 000000000 | 352 | | | 00000000 | 283 | | - | 00000000 |
| \$ 24 | 9 | | 17 | 00000000 | . 6 | | H | | | | - | 00000000 |
| EGREE | :: | | ~ ! | | Ë | | 16 | | Ë | | 91 | 00000000 |
| 41 D | × | NO | 15 | 00000000 | × | z | | 00000000 | × | z | Ľ. | 000000000 |
| TUDE | | IATI | 14 | 000000000 | | IATIO | 14 | 00000000 | | IATIO | 14 | 479122222 |
| LATI | 0.20 | RAD | 13 | 00000000 | 0.20 | RRAD | 13 | 00000000 | 0.20 | R RAD | 13 | 00000000000000000000000000000000000000 |
| ОН | ITY: | SOLA | 12 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ITY: | SOLA | | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | ITY: | SOLA | 12 | 0.0000000000000000000000000000000000000 |
| | FLECTIV | וסטפנץ | 11 | 00000000 | ECTIV | HOURLY | 11 | 00000000 | ECTIV | HOURLY | 11 | 00000000000000000000000000000000000000 |
| QN. | REFL | | 10 | 00000000 | REFL | = | ~ | 000000000 | REFL | = | 10 | 470100000 |
| EVELAND | | | 6 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | 0.113 0.113 0.113 0.210 0.220 0.221 | | | | 0.0000000000000000000000000000000000000 |
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| | HORIZ | SOL | Ŋ | | HORIZ | 20(| ß | | HORIZ | Sou | | |
| | 10 | TION: | | | 11 | TION: | | | 12 | TION: | | 000000000 |
| | MONTH: | ORIENTA | ; | 51 L L L L L L L L L L L L L L L L L L L | HINGH: | ORIENTA | i | 226.00 255.00 350.00 455.00 60.00 | MONTH: | ORIENTA | i | 10.00 10.00 20.00 30.00 55.00 56.00 |

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| | 0.180 | DAILY TOTAL | RADIATION | 22222222222222222222222222222222222222 | 0.181 | DAILY TOTAL | RADIATION | 99999999999999999999999999999999999999 | 0.182 | DAILY TOTAL | RADIATION | 00000000000000000000000000000000000000 |
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| | KD: | | | 00000000 | KD: | | 20 | | KD: | | | 00000000 |
| LES | | | 19 | 00000000 | | | | 00000000 | | | | 00000000 |
| MINUT | 525 | | - | 000000000 | 243 | | | 00000000 | 878 | | 1.8 | |
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| 40 DE | X | | 15 | 00.11.00 | KT | | 15 | | K | | | 000000000000000000000000000000000000000 |
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| OH. | TY: 0 | SOLAR | | 1 000000000000000000000000000000000000 | TY: 0 | SOLAR | | 000000000000000000000000000000000000000 | TY: 0 | SOLAR | 12 | 000000000000000000000000000000000000000 |
| | IVI | OURLY | 11 | 1 000000000 1 0000000000000000000000000 | ECTIVI | OURLY | 11 | 144444884 14444 | CTIVI | > | 11 | 44444444 4554444 455444 |
| | REFLEC | HOH | 6 | -00000000 -000000000 -000000000000 | REFLEI | Ð | 10 | 000000000000000000000000000000000000 | REFLE | HOUR | 10 | WK44444K WK466 1 0 0 0 0 0 0 0 0 0 0 0 0 |
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| TION | 4.45 | | 7 | | 6.22 | | 7 | NMMMMMMM | 8.17 | | 7 | 000000000000000000000000000000000000000 |
| LOCATION | H0: | _ | | 000000000 | H0: | . | 9 | | H0: | - | 9 | |
| | HORIZ. | SOUTH | | 00000000 | HORIZ. | SOUTH | Ŋ | 00000000 | HORIZ. | SOUTH | 2 | |
| | H | : NO | | | 2 H | :NO: | | 00000000 | 3 E | TION: | | 00000000 |
| | MONTH: | ORIENTATI | | 71[1 0.0 0.0 220.00 330.00 40.00 60.00 | MONTH: | ORIENTATI | į | 11.1 10.0 22.00 30.00 50.00 60.00 | MONTH: | ORIENTATI | ; | 10.00 10.00 22.00 30.00 35.00 56.00 |

| | 0.184 | r TOTAL | IATION | 4444444 444444 44444 70044 70044 70044 70044 70044 70044 70044 | 0.186 | r TOTAL | TATION | 80000000000000000000000000000000000000 | 0.187 | TOTAL | TATION | 0.000 |
|---------|----------|---------|----------|---|--------|---------|--------|---|---------------|-----------|-----------|--|
| | | DAILY | RADI | | | DAILY | RADI | | | DAILY | RADI | <i>.</i> ሁለ የተመሰረ የተመሰ |
| | ΚĎ | | 20 | 00000000 | KD: | | | 00000000 | KD: | | 20 | 000000000 |
| ES | | | 16 | 000000000 000000000 | | | 19 | 10.00 | | | 19 | |
| MINUTE | 23 | | 18 | 00000000000000000000000000000000000000 | 60 | | 18 | 0.00 0.00 0.00 0.00 0.00 0.05 | 83 | | - | 0.03 |
| 6 | 9.0 | | 17 | 00000000 111111111111111111111111111 | 0.4 | | 17 | 1222222 | 9.4 | | 17 | 1222222 |
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| O DEGR | KT: | | 15 | | ΚŢ | | 15 | | KT: | | 15 | |
| 9E 4 | | TION | 16 | 1 | | TION | 14 | 1 · · · · · · · · · | | TION | 14 | |
| ATITUDE | 20 | RADIA | 13 | 1 | 20 | RADIA | | | 20 | RADIA | 13 | |
| H L | TY: 0. | OLAR | 12 | 1 | TY: 0. | OLAR | 2 | 6110 63.00 6410 6410 6410 6410 6410 | TY: 0. | OLAR | 12 | |
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| OLUMBUS | <u>~</u> | | D | 00000000000000000000000000000000000000 | œ | | | 444444 6660 84444 84460 84460 | <u>~</u> | | | WWW44444W DOOOW\$WW40 DOOODOOOO |
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| ب | . 7 | SOUTH | | 00000000 | | DUTH | | 0000000000 | Ξ. | HIDO | | 20000000 |
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| | ÷ | TION: | 4 | | 2 | TION: | 4 | 00000000 | 9 | TION: | | 00000000 |
| | MONTH: | ORIENTA | ; | 11.1 10.0 10.0 220.00 330.00 40.00 60.00 | MONTH: | ORIENTA | : | 10.00 225.00 35.00 55.00 60.00 | MONTH: | ORIENTATI | : | 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |

| | 0.188 | DAILY TOTAL | RADIATION | พพพพพพพ พพพพพ พพพพ พพพพ พพพพ พพพพ | 0.186 | DAILY TOTAL | RADIATION | 0.000000000000000000000000000000000000 | 0.188 | DAILY TOTAL | RADIATION | ቅጥታፍጥቁጥቁ ምክክ ውስው ውስህ መስያመሥታ መመሥ |
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| | KD: | | | 00000000 | ΚÖ | | 20 | 000000000 | KD: | | 20 | |
| ES | | | 19 | | | | 19 | 00000000 | | | 19 | |
| MINUTE | 91 | | 13 | 10000000000000000000000000000000000000 | 17 | | 18 | 00000000 000000 0000000 0000000 | 4 | | 18 | 00000000 |
| 0 | 4.0 | | 17 | | 9.5 | | 17 | 00.000 | 4.0 | | 17 | |
| DEGREES | •• | | 16 | | •• | | 16 | | •• | | 16 | |
| 40 DE | K | | 15 | | KT | | 15 | 00000000 444444444 7000000000 | K | | 15 | 00000000 00000000000000000000000000000 |
| TITUDE | | ATION | ~ | 000000000000000000000000000000000000 | | ATION | 14 | | | ATION | 14 | |
| LATIT | .20 | RADI | 13 | | .20 | RADI | 13 | 00000000 0000000 000000000000000000000 | .20 | RADI | | 200000000 2000000000000000000000000000 |
| ÛH | TY: 0 | SOLAR | 12 | | ITY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | 00000000000000000000000000000000000000 |
| | ECTIVI | HOURLY | 11 | | ECTIVI | OURLY | 11 | 00000000000000000000000000000000000000 | FLECTIVITY | HOURLY | | 20000000 20000000 20000000000000000000 |
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| OCATION | 11.27 | | ~ | 00000000000000000000000000000000000000 | 10.01 | | 7 | 0.19 0.118 0.117 0.117 0.115 0.115 | 8.13 | | 7 | |
| רסכז | . HO: | Ξ | | 000000000000000000000000000000000000000 | . HO: | Ξ | _ | 0000000 0000000 00000000 | . HO: | Ξ | 9 | |
| | HORIZ | SOUTH | 50 | | HORIZ | SOUTH | Ŋ | 00000000 | HORIZ | SOUTH | 'n | |
| | _ | : NOI | 4 | 00000000 | • | : NOI | | 00000000 | | :NCI | | |
| | MONTH: | ORIENTAT | | 11[- 0.00 255.00 356.00 60.00 60.00 | MONTH: | ORIENTAT | | 22 00 22 00 32 00 35 00 60 00 60 00 | MONTH: | ORIENTATI | i | 10.00 10.00 25.00 30.00 35.00 50.00 60.00 |

| | 0.187 | DAILY TOTAL | RADIATION | NUNUN4444 | 0.182 | DAILY TOTA | RADIATION | 22222222 26222222 262222222 262222222 | 0.180 | DAILY TOTA | RADIATION | 11.11.11.11.11.11.11.11.11.11.11.11.11. |
|----------|--------|-------------|-----------|---|----------|-------------|-----------|---|--------|------------|-----------|---|
| | KD: | | 2 | 000000000 | ξÔ | | 20 | 00000000 | KD: | | 20 | 99999999 |
| TES | | | - | 00000000 | | | 19 | | | | 19 | 00000000 |
| MINUTE | 488 | | | | 384 | | 18 | 00000000 | 323 | | 18 | 00000000 |
| s o | | | 17 | 000000000 000000000 | 6 | | 17 | | | | ~ | 00000000 |
| DEGREE | ÷ | | 16 | | Ë | | | 0.08 0.09 0.09 0.10 0.11 0.11 | ÷ | | 9 | 00000000 00000000 |
| 40 D | × | z | 15 | | ¥ | z | _ | 000000 000000 000000 000000 | × | z | 15 | 000000000000000000000000000000000000000 |
| TUDE | | IATION | 4 | 00000000 1 244420000 | | IATIO | 14 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | | IATIO | - | 00000000 |
| LATITUD | 0.20 | R RAD | | GGGGGGGG | 0.20 | R RAD | 13 | | 0.20 | R KAD | 13 | 0.23 |
| НО | ITY: | SOLA | 12 | | ITY: | SOLA | 12 | | ITY: | SOLA | - | 0.0000000000000000000000000000000000000 |
| | ECTIV | OURLY | 11 | | ECTIVITY | HOURLY | 11 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | ECTIV | HOURLY | 11 | 0.29 |
| S | REFL | Ξ | 10 | | REFL | I | 10 | 1 700000000 | REFL | Ŧ | 1 | 000000000000000000000000000000000000000 |
| COLUMBUS | | | • | 00000000 | | | | 00000000000000000000000000000000000000 | | | • | 000000000000000000000000000000000000000 |
| | - | | • | 0.150 | 8 | | •• | | •0 | | | 100000000000000000000000000000000000000 |
| LOCATION | 6.1 | | ~ | 00000000 00000000 | 4. | | 7 | 00000000 | 3.7 | | 7 | 00000000 |
| 707 | . HO : | Ŧ | 9 | 00000000 | H | TH. | 9 | 00000000 | . HO: | TH. | 9 | 000000000 |
| | HORIZ | SOUTH | ĸ | 00000000 | HORIZ | SOUTH | S | 00000000 | HORIZ | SOUTH | S | 00000000 |
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| | MONTH: | ORIENTATI | ; | 71[7 0.0 20.0 20.0 30.0 35.0 60.0 60.0 60.0 60.0 60.0 | MONTH: | ORIENTATION | | 22000000000000000000000000000000000000 | MONTH: | ORIENTA | | 4111 4220 4320 430 430 640 640 640 640 640 640 640 640 640 64 |

| | 0.181 | DAILY TOTAL | RADIATION | 222222 22222 22222 22222 22222 | 0.182 | DAILY TOTAL | RADIATION | 00000000000000000000000000000000000000 | 0.183 | DAILY TOTAL | RADIATION | พมพมพมพมพม ผลสมคัดคลายม ผลสมพาพลายม |
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| | KD: | | 20 | | ë | | ~ | 00000000 | KD: | | 20 | |
| TES | | | 19 | 000000000 | | | 19 | 00000000 | | | - | |
| MINUTES | 345 | | 18 | 1 00000000 | 367 | | 18 | 00000000 | 395 | | 18 | |
| 5 54 | 0 | | 17 | 00000000 | 0 | | 17 | 000000000000000000000000000000000000000 | 6 | | 17 | 000000000000000000000000000000000000000 |
| DEGREE | <u>:</u> | | 16 | 00000000 | | | 16 | 00.117 | | | 16 | 000000000000000000000000000000000000000 |
| 39 DE | X | _ | 15 | | Ā | | 15 | | K | | | |
| ITUDE | | ADIATION | 14 | 000000000000000000000000000000000000000 | | ATION | 14 | | | ATION | 1,4 | 00000000000000000000000000000000000000 |
| LATI | 0.20 | œ | 7 | | .20 | RADI | 13 | 0000000 0000000 0000000000000000000000 | .20 | RADI | 13 | CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC |
| ¥ | ITY: (| SOLAR | - | 900000000 9000000000000000000000000000 | TY: 0 | SOLAR | 12 | 00000000000000000000000000000000000000 | TY: 0 | SOLAR | _ | 20000000000000000000000000000000000000 |
| | ECT IV | HOURL Y | 11 | 00000000000000000000000000000000000000 | ECTIVITY | DURLY | 11 | | ECTIVI | OURLY | 11 | 00000000 00000000 00000000000000000000 |
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| DAYTON | | | | 4000000000 | | | | 00.025 | | | • | |
| DA | 7 | | •• | 00000000 | m | | •• | 00000000 | | | •• | 000000000000000000000000000000000000000 |
| LOCATION | 4.4 | | 7 | 00000000 | 6.23 | | | 000000000000000000000000000000000000000 | 8.18 | | 1 | 60.000000000000000000000000000000000000 |
| 1001 | . HO: | Ξ | • | 00000000 | . HO: | £ | • | 00000000 | H0: | Ξ | | |
| | HORIZ | SOUTI | 50 | | HORIZ | SOUTH | S | | HORIZ. | SOUT | 2 | 00000000 |
| | - | : NOI. | | | ~ | :NOI | | 00000000 | m | ION: | | 00000000 |
| | MONTH: | ORIENTATIO | : | 10.00 10.00 30.00 30.00 40.00 60.00 | MONTH: | ORIENTAT | - | 60.000 60.000 60.000 60.000 60.000 | MONTH: | ORIENTAT | - | 220.00 220.00 230.00 40.00 60.00 |

| | 0.185 | DAILY TOTAL | RADIATION | ଦେବନ୍ଦ୍ରକ୍ତ କଥାବାଥାନ୍ତ୍ର ଅଟଳାକ୍ଷ୍ୟକ୍ତ | 0.187 | DAILY TOTAL | RADIATION | NNNNNNA44 N4NN-10040 ODNONNOVA | 0.187 | DAILY TOTAL | RADIATION | ₩₩₩₩₩₩₩ ₩₩₩₩₩₩₩ ₩₩₩₩₩₩ |
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| ES | | | | 00000000 | | | 19 | 00000000 | | | 7.0 | 000000000000000000000000000000000000000 |
| MINUT | 439 | | 3.3 | | 475 | | | 00.00000000000000000000000000000000000 | 504 | | 18 | 000000000000000000000000000000000000000 |
| S 54 | | | 17 | | • | | 17 | 000000000000000000000000000000000000000 | • | | 17 | 000000000000000000000000000000000000000 |
| EGREE | : | | | | : - | | 16 | | ä | | | 44899999999999999999999999999999999999 |
| 39 D | × | NO | 15 | | × | z | 15 | | × | = | 15 | 00000000 0000000 000000000000000000000 |
| TUDE | | IATI | | 100000000 | | IATIO | 14 | 80000000 | | IATIO | | 00000000 |
| LATI | 0.20 | IR RAD | 13 | 00000000 | 0.20 | IR RAD | 13 | 00000000 | 0.20 | IR RAD | 13 | - |
| HO | /ITY: | r SOLA | 7 | 00000000 | /ITY: | r SOLA | - | 00000000000000000000000000000000000000 | IITY: | r sola | | |
| | EFLECTIVITY | HOURLY | Ξ | <u>តែសាសសាសាសាសាសាសា</u> | LECTIVI | HOURLY | 11 | UNI O O O O O O O O O O | LECTIV | HOURLY | = | |
| | REFI | _ | | i annunnnaa | REFL | _ | 10 | | REFL | _ | 1 | รององทุญทุก |
| AYTON | | | | | | | • | 00000000 00000000 44444444 | | | 6 | DD8745496 |
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| | HORIZ | •• | | 00000000 | HOR | | | 00000000 | HORIZ | . St | 1 | |
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| | 0.187 | DAILY TOTAL | RADIATION | พพพพพพพพ | 0.185 | DAILY TOTAL | RADIATION | សសសសសសសង | 0.137 | DAILY TOTAL | RADIATION | 44444444 | | | |
|-------------------------------|--------------------------|-----------------|-----------|---|------------------------|------------------------|-----------|---|------------|-------------|-----------|--|------|----------|----|
| ATITUDE 39 DEGREES 54 MINUTES | KD: | | 20 | 00000000 | ΚĎ | | 20 | 000000000 | ΚĎ | | ~ | | | | |
| | ECTIVITY: 0.20 KT: 0.506 | SOLAR RADIATION | 19 | | ∞ | | _ | 00000000 | | | 18 1 | 00000000 | | | |
| | | | _ | 1 000000000000000000000000000000000000 | | | 18 | | 01 | | | | | | |
| | | | 17 | 1222224 | 9.5 | | 17 | | KT: 0.53 | ATION | 11 | | | | |
| | | | 16 | www.ww.ww.c. | REFLECTIVITY: 0.20 KT: | | 16 | | | | 16 | | | | |
| | | | 15 | | | HOURLY SOLAR RADIATION | 15 | | | | 15 | 1 | | | |
| | | | 14 | | | | 14 | | | | 14 | | | | |
| | | | 13 | ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ | | | 13 | \$4 \ \$0 \ \$0 \ \$0 \ \$0 \ \$0 \ \$0 \ \$0 \ | 20 | RADIA | 13 | NG 96 96 96 96 96 96 96 96 96 96 96 96 96 | | | |
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| YTON | 11.27 | | | 00000000 0000000 0000000 0000000 | _ | | • | | | | • | 000000000000000000000000000000000000 | | | |
| LOCATION DAY | | | •0 | 000000000000000000000000000000000000 | | | 40 | \$10000000 \$100000000 | | | *0 | 50000000 | | | |
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| | 0.188 | DAILY TOTAL | RADIATION | • | 4, 4 | 9 | 0, | ij٠ | 4.25 | Ξ. | 0.183 | DAILY TOTAL | RADIATION | 1 | - | 2.37 | in | 9 | ~ ~ | . 00 | , | 0.181 | DAILY TOTAL | RADIATION | |
|----------|------------|-------------|-----------|------------|-------|-----------|-----|------------|------|-----|------------|-------------|-----------|---|------------|------|--------------|------|------|----------------|---|----------------|-------------|-----------|---|
| | KD: | | 26 | | • | | • | • | | • | | | 20 | • | • | | • | | • | • • | | Ä Ö | | 20 | |
| 165 | | | - | 0.0 | • | • • | . • | . • | | _• | | | 13 | • | • | • | • | ٠. | ٠ | | | | | 1.9 | 00000000 |
| MINUTE | 665. | | - | ŧ | • | • | • | e e | | | 401 | | 18 | • | • | | • | | ٠ | | | 338 | | 18 | |
| 5 54 | ė | | 17 | 0.0 | 0 6 | | • | 0 6 | 0.0 | 0 | ė | | | ! | . . | 0 | • | | • | • | | ė | | 17 | |
| DEGREE | ·· | | 16 | . – | 7, | 10 | 2 | i | 0.23 | Ņ | -: | | 16 | | 0 0 | 6 | • - | : | 7. | :-: | | <u>:</u> | | 7. | 00000000 |
| 39 D | K | ~ | 15 | i | m) t | , m | " | M, W | 4.0 | • | × | 7 | 15 | 1 | -;- | 0.22 | ښد | ici | i, c | ici | | * | * | ~ | 00000000 11111111111111111111111111111 |
| ATITUDE | | IATIO | 7 | i m | * 1 | • | 'n | ٠,٠ | | ŧν. | | LATION | 1 | ! | ښ۷ | 0.31 | ~; × | ,,, | | . m | | | ADIATIO! | * | |
| LATE | 6.20 | R RADI | | | ij | Ų, N | 5 | 9.4 | 0.61 | • | 92.0 | R RADI | _ | 1 | ښ۰ | 0.37 | 7 | • | * | | | 0.20 | R RAD | ~ | 222222222 |
| H | ITY: | SOLA | 12 | 0.47 | v. | Ų. | 9 | • | 9.9 | • | ** | SOLA | 12 | 1 | ٠, ٣ | 3.0 | 4 | . *. | 4 | • | | | SOLA | ~ | 86666666666666666666666666666666666666 |
| | EFLECTIV. | HOURLY | 11 | 1 🖝 | ι. | 'n | Ŋ | 9. | | • | FLECTIVITY | HOURLY | 11 | 1 | ~" | 0.37 | د | • | * | | | FLECTIVITY | HOURLY | 11 | |
| | REFL | ∓ | 10 | 0.38 | 4 | | ν, | ٠, ۱ | j nj | 1 | REFL | Ī | _ | 1 | ٠'n، | | M) H | ٠~; | r) r | ?*? | | REFL | I | (3 | |
| DAYTON | | | • | 0.28 | 173 1 | ·, ~ | m | ٠.٠ | ?* | *. | | | • | 1 | | • • | i. | isi | iic | VCI | | | | • | |
| A | ₽) | | ** | - | | | 0.5 | 0.5 | ∨ N. | 9.5 | *7 | | 40 | 1 | 0.5 | | 0,- | : ~: | ٠,٠ | | | • | | | 1 00000000 |
| LOCATION | 6.1 | | ^ | 10 | 0 | , D, E | | 9.1 | 9 6 | • | • | | ~ | | | | • | | • | | | N. 30 | | ~ | 000000000 |
| 207 | | H | 9 | | | | | • | 9 0 | • | .: 2 | H | • | ٠ | • | | • | | • | 90 | | K Ö | H | • | 00000000 |
| | HORIZ | SOUTI | 10 | 1 4 | • | ٠ | | • | 9 0 | • | HORIZ. | SOUTH | 'n | | • | | • | | • | 90 | | HORIZ | SOUTH | 'n | 669666666 |
| | 10 | TION: | | | | ٠ | | | | • • | 11 | 1 ION: | * | i | • | | ٠ | | • | 90 | | 12 | TION: | | 689666666 |
| | MONTH: | DRIENTATION | | בור סים | 0 | 0 C | .0 | 0.0 | | | MONTH: | ORIENTAI | | _ | 0.0 | 90 | 9 | 90 | 0 | 60.00 60.00 | | MONTH: | ORIENTATION | | 100 C C C C C C C C C C C C C C C C C C |

| | 0.180 | DAILY TOTAL | RADIATION | 44444444444444444444444444444444444444 | 100 | 0.181 | DAILY TOTAL | RADIATION | 22222222222222222222222222222222222222 | 0.183 | DAILY TOTAL | RADIATION | |
|---------|---------|-------------|-----------|---|------------|------------|-------------|-----------|---|--------|-------------|-----------|--|
| | KD: | | 20 | 0000000 | | e X | | | 00000000 | KD: | | 20 | 00000000 |
| res | | | 19 | 00000000 | • • | | | 19 | | | | ~ I | 00000000 |
| MINUT | 328 | | 18 | 0000000 | | 359 | | | 000000000 | 394 | | 0O I | |
| 36 | | | 17 | 0000000 | | 6 | | 17 | 00000000 | 6 | | 17 | |
| GREES | | | 16 | | | : • | | 16 | | •• | | 16 | นุนุนุนุนุนุน |
| 41 DE | ¥ | | 15 | | 4 67 | Σ | _ | 15 | | 7 | _ | 15 | Ninmmmmmm |
| UDE | | ATION | 14 | 0000000 | 14 | | ATION | 14 | | | ATION | 14 | www.aaaaa |
| LATIT | .20 | RADI | | | . n | .20 | RADI | 13 | | 02. | RADI | 13 | |
| Ю. | TY: 0 | SOLAR | 12 | 2000000 20000000 | 7 T | 1¥: 0 | SOLAR | 12 | | 17: 0 | SOLAR | 12 | |
| | CTIVI | URLY | ~ | 000000 | . w | CTIVI | OURLY | 11 | | CLIVI | URLY | 11 | |
| | REFLE | HO | ~ | 0000000 000000000000000000000000000000 | ių | REFLE | ¥ | 10 | 00.00 00 | REFLE | HO | ~ | mmdddddd |
| EDO | | | D. | 249788862 | ÷ (1) | | | 6 | 00000000000000000000000000000000000000 | | | | 000000000000000000000000000000000000000 |
| 101 | | | ∞ | 0000000 | | | | ∞ | | | | •0 | 611111111111111111111111111111111111111 |
| DCATION | 4.18 | | ^ | 0000000 | 0.0 | 5.97 | | | 0000000 | 7.98 | | | 88888888 00000000000000000000000000000 |
| LOCA | . HO: | : | | 0000000 | | HO: | æ | 9 | | H0: | ,± | | |
| | HORIZ. | SOUT | Ŋ | 0000000 | | HORIZ. | Sour | | 00000000 | HORIZ. | SOUT | | 200000000 |
| | _ | : NO I | | 00000000 | | ~ | ION: | | | m | :NOI | | |
| | MONTH: | ORIENTAT | | 2000 2000 2000 2000 2000 2000 2000 200 | . . | MONTH: | ORIENTAT | | 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | MONTH: | ORIENTAT | i | 111- 10.00 20.00 25.00 30.00 50.00 60.00 |

| | 0.185 | LY TOTAL | DIATION | 4444444 W.M.W.W.W.W.W.W.W.W.W.W.W.W.W.W.W.W.W.W | 0.187 | LY TOTAL | DIATION | พพพพพพสส 444พพาย 48 5พพพพ 6 | 0.187 | LY TOTAL | DIATION | พบพบพบพบ ๑๐๑ พพบพ พพบพ พพบพ พพบพ |
|-------|--------|----------|----------|---|--------|----------|----------|---|--------|----------|---------|---|
| | | DAI | RA | | | DAI | RA | | | DAI | RA | |
| | Ķ | | 2 | 00000000 | X | | | 00000000 | X | | 20 | 00000000 |
| ES | | | ~ | 00000000 | | | | 0.001 | | | 19 | |
| MINUT | 37 | | 18 | 10000000 10000000 10000000 1004444 | 81 | | | 0.00 | 65 | | | 0.114 0.112 0.100 0.003 0.005 0.006 |
| 36 | 9.0 | | 17 | 0000000 000000 00000000000000000000000 | 4.0 | | | | 6.5 | | 17 | nnnnnnnnn |
| GREES | •• | | 7 9 | 1 00000000 1 00000000 1 000000000 1 00000000 | •• | | S | 0000000 0000000 0000000 00000000 000000 | ·• | | 16 | |
| 41 DE | X | | 15 | 1 0000000 1 0000000 1 0000000 1 00000000 | K | | | | × | | | |
| TUDE | | ATION | 14 | 1 00000000 1 4 m w w w w w w w w w w w w w w w w w w | | ATION | 4 | 0000000 0 | | ATION | 14 | 00000000000000000000000000000000000000 |
| LATIT | .20 | RADI | 13 | 00000000 00000000 000000000 00000000 | .20 | RADI | 13 | 00000000000000000000000000000000000000 | .20 | RADI | 13 | 00000000 0000000 000000000000000000000 |
| 0H | 1Y: 0 | SOLAR | 12 | 100000000 10000000 100000000 1000000000 | TY: 0 | SOLAR | 12 | 0000000 0000000 000000000 0000000000 | 1Y: 0 | SOLAR | 12 | 00.00 00.70 00.70 00.70 00.60 00.60 00.60 00.60 |
| | CTIVI | OURLY | 11 | 0000000 1111111111111111111111111111 | CTIVI | URLY | 11 | 00.00 00 | CTIVI | URLY | 11 | 000000000000000000000000000000000000 |
| | REFLE | Ħ | 10 | 0000000 400000000000000000000000000000 | REFLE | H | 10 | 00000000 00000000 00000000000 00000000 | REFLE | 9 | ~ | 10000000000000000000000000000000000000 |
| EDO | | | 0 | 00000000 0000000 000000000000000000000 | | | | 00000000000000000000000000000000000000 | | | 6 | 00000000000000000000000000000000000000 |
| TOL | 7 | | 80 | 000000000000000000000000000000000000000 | | | •0 | 00000000000000000000000000000000000000 | 2 | | æ', | 00.33 |
| ATION | 9.9 | | 7 | 00.15 00.15 00.15 00.15 00.15 12 | 11.20 | | 7 | 000000000000000000000000000000000000000 | 11.7 | | 7 | 00000000000000000000000000000000000000 |
| 1007 | . HO: | TH. | 9 | 00000000 | . HO: | TH | 9 | 00000000000000000000000000000000000000 | . HO: | Ξ | 49 | 0.0000000000000000000000000000000000000 |
| | HOPIZ | 200 | | 00000000 | HORIZ | SOU | 'n | | HORIZ | SOUT | Ś | |
| | • | : NOI | | 000000000 | S | ION: | | 00000000 | • | :NOI | | 000000000 |
| | MONTH: | ORIENTAT | | 7111 0.0 110.00 225.00 325.00 40.00 60.00 | MONTH: | ORIENTAT | ; | 220.00 220.00 330.00 340.00 50.00 | MONTH: | ORIENTAT | i | 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |

| | 0.185 | DAILY TOTAL | RADIATION | የመመመመመመቀቀ የተመመመመቀቀ የመቀመመመቀቀ የመቀመመመቀመመ | 0.186 | DAILY TOTAL | RADIATION | พพพพพพพพ 67 67 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 89 89 89 89 | 0.187 | DAILY TOTAL | RADIATION | 4444444 0 |
|---------|--------|-------------|-----------|---|--------|-------------|-----------|--|--------|-------------|-----------|---|
| | ΚĎ | | (4) | 00000000 | ΚĎ | | 20 | 00000000 | KD: | | 20 | 00000000 |
| ES | | | 19 | | | | - | 00000000 | | | | 00000000 |
| MINUTE | 18 | | (2) | 00.00 | 14 | | | 00000000000000000000000000000000000000 | 90 | | | |
| 40 | 6.5 | | 17 | 0.25 | 0.5 | | _ | 0001199 001199 001188 00115 | 0.5 | | 17 | 0000000 |
| GREES | ·• | | 16 | 0000000 000000000000000000000000000000 | ·· | | | | ·• | | 9 | 0000000 0000000 0000000000000000000000 |
| 41 DE | X. | | 15 | 000 000 000 000 000 000 000 000 000 00 | X | _ | 15 | 000000 00000 00000 0000 0000 0000 0000 0000 | X | _ | 15 | 000000000000000000000000000000000000000 |
| TUDE | | ATION | 14 | | | ATION | - | 000000 00000 00000 00000 00000 00000 | | ATION | 14 | |
| LATIT | 1.20 | RADI | 13 | 79.00 79.00 79.00 79.00 79.00 79.00 79.00 | .20 | RADI | 13 | | 1.20 | RADI | 13 | |
| НО | TY: 0 | SOLAR | 12 | 00.777.00 | TY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | _ | 00.00 00 |
| | ECTIVI | CURLY | 11 | | ECTIVI | OURLY | 11 | | CTIVI | OURLY | | 00000000 0000000000000000000000000000 |
| | REFL | ž | 10 | | REFL | ¥ | 10 | | REFLE | Ħ | 10 | 20000000000000000000000000000000000000 |
| L E D O | | | Ç | 00000000 0000000 000004444 0000004440 | | | 6 | 00.449 00.449 00.449 00.449 00.449 | | | 0 | 00000000 044644444 0000000000000000000 |
| 101 | 5 | | | 00000000 0000000 00000000 | | | 00 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | | | | 20000000000000000000000000000000000000 |
| ATION | 11.2 | | 7 | 000000000000000000000000000000000000000 | 9.9 | | 7 | 0.19 0.19 0.18 0.18 0.17 0.15 | 7.94 | | 7 | |
| LOCAT | . HO: | Ŧ | 9 | 10000000 | . HO: | E | 9 | 00000000000000000000000000000000000000 | . HO: | Ξ | 9 | |
| | HORIZ | SOUT | 5 | | HORIZ | SOUTH | ស | | HORIZ | SOUT | | 00000000 |
| | 7 | :NOI | | | •• | :NOI | | 000000000 | • | : NOI | | |
| | MONTH: | ORIENTAT | ; | 225.00 225.00 330.00 455.00 60.00 | MONTH: | ORIENTAT | ; | 110.00 10.00 225.00 330.00 60.00 | MONTH: | ORIENTAT | ; | 110.00 225.00 325.00 55.00 60.00 |

| | 0.187 | DAILY TOTAL | RADIATION | 00000000000000000000000000000000000000 | 0.182 | DAILY TOTAL | RADIATION | 110000000 561004456 7610104456 | 0.180 | DAILY TOTAL | RADIATION | |
|--------|--------|-------------|-----------|--|--------|-------------|------------|--|---------|-------------|------------|---|
| | KD: | | 20 | 00000000 | KD: | | | 00000000 | KD: | | 20 | 000000000 |
| TES | | | 19 | 00000000 | | | 19 | 00000000 | | | 61 | 00000000 |
| INNIH: | 490 | | - | | 379 | | 18 | | 320 | | 18 | |
| 5 36 | ė | | 17 | 00000000 | 0 | | 17 | | ò | | - | |
| GPEE | •• | | 9 1 | 440000000 | ·•• | | S 1 | 0.05 0.05 0.05 0.05 0.05 0.10 0.10 | | | 16 | 000000000000000000000000000000000000000 |
| 41 DE | 2 | | 15 | 00000000 00000000 00000000000000000000 | 2 | | 15 | | 2 | | | 00.000. |
| TUDE | | ATION | 7 4 | 000000000 0000000 000000 000000 | | ATTON | ~ 1 | 00000000000000000000000000000000000000 | | ATION | 51 | 000000000000000000000000000000000000000 |
| LATIT | .29 | RADI | 13 | 000000000000000000000000000000000000 | .20 | RADI | 23 | 00 00 00 00 00 00 00 00 00 00 00 00 00 | .20 | KADI | 13 | 00000000000000000000000000000000000000 |
| OH | 1Y: 0 | SOLAR | 12 | 0000000 00000000 000000000000000000000 | TY: 0 | SOLAR | 12 | 00000000000000000000000000000000000000 | 1Y: 0 | SOLAR | 12 | 000000000000000000000000000000000000000 |
| | CIIVI | URLY | ~ | 00000000 440000000 44000000 0000000000 | CTIVI | URLY | 11 | 00000000000000000000000000000000000000 | ECTIVI | URLY | - | 00.25 |
| | REFLE | HO | O T | 60000000000000000000000000000000000000 | REFLE | H | - | 00 00 00 00 00 00 00 00 00 00 00 00 00 | REFLE | но | 10 | DODOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO |
| ED0 | | | 6 | 00000000000000000000000000000000000000 | | | φ. | 000000 000000 000000 000000 | | | • | 00.000. |
| 101 | | | | 436600000000000000000000000000000000000 | | | •0 | 00000000000000000000000000000000000000 | _ | | 9 0 | |
| ATION | 5.86 | | 7 | 00000000 | 4.14 | | | | 3.50 | | | 000000000 |
| 100 | . HO: | H | | 00000000 | . HO | H | 9 | 00000000 | . но: | H | | 00000000 |
| | HOPIZ | SDU | | | HORIZ | 5007 | | | HORIZ | SOU | ٠ | |
| | r I | TION: | | | 11 | TION: | | | 12 | TION: | 4 | |
| | MONTH: | ORIENTA | ; | 711 0.0 10.0 20.0 25.0 35.0 40.0 60.0 60.0 | MONTH: | ORIEHTA | ; | 220.00 220.00 320.00 425.00 60.00 60.00 | HINOM: | CRIENTA | | 111 101 101 101 101 101 101 101 101 101 |

| | 0.125 | DAILY TOTAL | RADIATION | 111111112 114.67.80 124.67.80 126.00 | 0.179 | DAILY TOTAL | RADIATION | | 0.181 | DAILY TGTAL | RADIATION | 2360 8.60 8.60 8.60 8.60 8.60 8.60 8.60 8. |
|---------|--------|-------------|------------|---|--------|-------------|------------|---|--------|-------------|-----------|--|
| | KD: | | N | 00000000 | KD: | | 20 | 00000000 | ΚĎ | | 20 | 00000000 |
| 1 ES | | | ~ 1 | | | | | 00000000 | | | 19 | 000000000 |
| MINUT | 287 | | 18 | 00000000 | 307 | | 18 | | 350 | | 18 | |
| 16 | 0 | | 17 | | 6 | | | 66666666 | 6 | | 17 | |
| GREES | •• | | | 40.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | ·• | | | | •• | | 16 | 70000000000000000000000000000000000000 |
| 41 DE | ¥ | _ | | | 7 | _ | 15 | 00.200000.2000.2000.2000.2000.2000.2000.2000.2000.2000.2000.2000.2000.20 | X | | 15 | 000000000000000000000000000000000000000 |
| TUDE | | ATION | 14 | 0000000 000000 0000000 000000000000000 | | ATION | | | | ATION | • | 00000000000000000000000000000000000000 |
| LATI | .20 | RADI | 13 | 000000000000000000000000000000000000000 | .20 | RADI | ~ | 0 . 22 . 0 . 32 . 0 . 32 . 0 . 32 . 0 . 32 . 0 . 32 . 0 . 32 . 0 . 32 . 0 . 32 . 0 . 32 . 32 | 1.20 | RADI | 3 | 00000000000000000000000000000000000000 |
| OH. | TY: 0 | SOLAR | ~ | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | TY: 0 | SOLAR | 12 | 00000000 00000000 00000000000000000000 | TY: 0 | SOLAR | 12 | |
| | ECTIV] | OURLY | ~ | 00000000 | ECT IV | OURLY | | 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 | ECTIVI | OUELY | 11 | 00.37 00.37 00.37 00.37 00.37 00.39 |
| NMO | REFLI | Ĭ | ĵ | 0000000 111000000 1200000 1200000 | REFLI | Ĭ | 0.1 | 00000000 00000000 00000000000000000000 | REFLI | Ĭ | - | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 |
| OUNGST | | | 6 | 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | σ. | 00.20 00.20 00.21 00.21 00.21 00.21 | | | | 00000000000000000000000000000000000000 |
| ¥0 | J | | | 0000000 000000 000000 00000 | 2 | | e Q | 00000000 | 2 | | €3 | 00000000000000000000000000000000000000 |
| OCALICN | 4.2 | | | 000000000 | 6.0 | | 7 | 00000000 | 8.03 | | 7 | 000000000 |
| roc | . H0: | 1 H | 9 | 1 00000000 | . HO: | T.H. | | | . HO: | H | 9 | |
| | HORIZ | SOUT | ū | | HORIZ | SOUTH | 'n | | HORIZ | SOUT | | |
| | ~ | IION: | 4 | 00000000 | 8 | ION: | | 00000000 | ₩ | :NOI. | • | 00000000 |
| | MONTH: | ORIENTAT | į | 4111 2000 2000 2000 3000 4000 6000 6000 | MONTH: | ORIENTAT | ; | 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | MONTH: | ORIENTAT | i | 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |

| | 0.183 | AILY TOTAL | RADIATION | 4444444 0.1.1.1.086 0.0.1.1.0860 0.0.0.000000 | 0.185 | AILY TOTAL | RADIATION | NNN4444N 0000 WV NUW 000044084N | 0.187 | AILY TOTAL | RADIATION | ພພບພພພພຈຈຈ ພພຈພ ພພຈພ ພພພພພພ |
|---------|--------|------------|-----------|--|--------|------------|-----------|--|--------|------------|-----------|---|
| | KD: | ñ | - | | KD: | Ä | 0 | | KD: | Ω | | 00000000 |
| ES | | | | | | | 19 | 000000000000000000000000000000000000000 | | | 7 | 000000000 |
| MINUT | 03 | | 18 | 1 00 00 00 00 00 00 00 00 00 00 00 00 00 | 44 | | 18 | 0087705555 | 73 | | ĺ | 000 000 000 000 000 000 000 000 000 00 |
| 16 1 | 0.4 | | 17 | | 4.0 | | 17 | 1111890015 | 4.0 | | 17 | 00.22 |
| GREES | | | 16 | 1 | | | 16 | 220112244 | •• | | ~ | |
| 41 DE(| K | | 15 | WERNERDER | X | | 15 | 4444444WW | KT | | 15 | 44444446 8068765466 |
| TUDE | | ATION | 14 | 44444444 46776611110 | | ATION | 14 | 0000000000000000000000000000000000000 | | ATION | 14 | |
| LATIT | . 20 | RADI | | 455500000044 545000000000 | .20 | RADI | 13 | 00000000000000000000000000000000000000 | .20 | RADI | 13 | 50000000000000000000000000000000000000 |
| Ħ O | TY: 0 | SOLAR | -4 | 1 00000000 1 000000000 1 0000000000 | TY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | 20000000000000000000000000000000000000 |
| | CTIVI | URLY | 11 | | CTIVI | HUURLY | 11 | | ECTIVI | HOURLY | 11 | 00000000000000000000000000000000000000 |
| NMO | REFLE | Ð | 0 | 00000000 14444444 146667 | REFLE | ž | 0 | 00000000000000000000000000000000000000 | REFLE | 9 | 10 | 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| OUNGSTO | | | 6 | 0000000 0000000 0000000000000000000000 | | | 6 | 00000000000000000000000000000000000000 | | | 6 | 00000000000000000000000000000000000000 |
| YOU | _ | | •0 | 00000000 00000000000000000000000000000 | | | •0 | 00 00 00 00 00 00 00 00 00 00 00 00 00 | | | •0 | 00000000000000000000000000000000000000 |
| OCATION | 10.00 | | | 00000000 | 11.26 | | 7 | 0.22 0.22 0.13 0.13 0.13 0.15 0.15 | 11.72 | | | 00.000000000000000000000000000000000000 |
| 7007 | . HO: | Ξ | 9 | 000000000 | . HÖ: | Ξ | 9 | 000000000000000000000000000000000000000 | . HO: | Ξ | | 0.11 0.03 0.03 0.06 0.06 0.06 |
| | HORIZ | SOUTI | | | HORIZ | SOUTH | 'n | | HORIZ | SOUT | 5 | 000000000000000000000000000000000000000 |
| | · | :NOI | | | 'n | : NOI | J | 00000000 | • | : NO I | J | 00000000 |
| | MONTH: | ORIENTAT | ; | 11[-1 10.00 10.00 220.00 330.00 50.00 | MONTH: | ORIENTAT | i | 220.00 225.00 325.00 56.00 | MONTH: | ORIENTAT | | 10.00 220.00 330.00 345.00 550.00 60.00 |

| | 0.187 | DAILY TOTAL | RADIATION | & & & & & & & & & & & & & & & & & & & | 0.187 | DAILY TOTAL | RADIATION | 44444444 | 0.187 | DAILY TOTAL | RADIATION | W4444444 |
|-----------|----------|-------------|-----------|---|------------|-------------|-----------|--|--------------|-------------|---------------|--|
| | KD: | | C | 1 00000000 | KD: | | 20 | 00000000 | KD: | | 8 | 00000000 |
| ES | | | | | | | 19 | 00000000 | | | \vdash | 00000000 |
| MINUT | 486 | | 13 | | 478 | | 18 | | 172 | | 18 | |
| 5 16 | 9. | | 17 | 000000000000000000000000000000000000000 | · · | | 17 | | 4.0 | | 17 | 000000000000000000000000000000000000000 |
| EGREES | :- | | 16 | 00000000 00000000000000000000000000000 | : ⊢ | | 7 6 | 000000000000000000000000000000000000000 | - | | 16 | 000000000000000000000000000000000000000 |
| 41 D | <u>`</u> | z | 15 | 00000000000000000000000000000000000000 | ¥ | z | 15 | 000000 00000 00000 00000 00000 00000 0000 | Σ | z | | 00000000000000000000000000000000000000 |
| TUDE | | IATIO | 14 | 0000000 000000 00000 00000 00000 | | IATIO | 14 | | | IATIO | | 44400000000000000000000000000000000000 |
| LATI | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | | 0.20 | R RAD | | 00000000 0000000000000000000000000000 |
| HO | ITY: | SOLA | 12 | | 17: | SOLA | 12 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | ITY: | SOLA | 1 | 0.0000000000000000000000000000000000000 |
| | ECTIV | OURLY | 11 | 00000000 | ECTIVI | OURLY | 11 | 00000000 | ECTIV | OURLY | 11 | 00000000000000000000000000000000000000 |
| OWN | REFL | I | 10 | 00000000 | REFL | I | 10 | 00000000000000000000000000000000000000 | REFL | Ī | _ | 24.000000000000000000000000000000000000 |
| OUNGSTOWN | | | 6 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | σ, | 0.44 0.44 0.445 0.445 0.445 0.445 0.445 | | | 6 | 00000000000000000000000000000000000000 |
| ٧٥ | | | •0 | 00000000000000000000000000000000000000 | | | •0 | 00.322 00.322 00.322 00.23 00.23 00.23 | | | 8 0 | 00000000000000000000000000000000000000 |
| LOCATION | 11.26 | | 7 | 000000000000000000000000000000000000000 | 9.93 | | 7 | 0.18 0.18 0.17 0.16 0.16 0.15 | 7.98 | | 7 | 000000000000000000000000000000000000000 |
| 1007 | . HO: | Ħ | | 0.11 0.08 0.08 0.00 0.00 0.00 0.00 0.00 | . H0: | Ξ | 9 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | H0: | E | 9 | |
| | HORIZ | SOUT | S | | HORIZ | SOUTI | | 00000000 | HORIZ. | SOUT | 2 | 00000000 |
| | 7 | TON: | | 00000000 | •0 | TION: | | 00000000 | • | TION: | | 00000000 |
| | MONTH: | ORIENTA | | 11.1 10.00 25.00 35.00 55.00 60.00 | MONTH: | ORIENTA | | 220.00 220.00 220.00 250.00 50.00 60.00 | HON)H: | ORIENTA | ; | 10.00 20.00 20.00 20.00 50.00 60.00 |

| | 0.186 | DAILY TOTAL | RACIATION | 2.69 | 3.05 | 3.34 | 3.46 | 3.56 | 3.63 | 3.69 | 3.73 | 3.69 |
|----------------|--------------------|------------------------|----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ë | | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| TES | | | 19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0. | 0.0 | 0.0 |
| 16 MINUTES | 0.454 | | 18 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | 17 | 0.02 | 0.02 | 0 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| DEGREES | •• | | 16 | 0.13 | 0.15 | 0.17 | 0.18 | 0.19 | 0.19 | 0.50 | 0.20 | 0.20 |
| 41 DE | KT: | | 15 16 | 0.25 | 0.28 | 0.31 | 0.32 | 0.33 | 0.34 | 0.35 | 0.35 | 0.35 |
| UDE | | ATION | 14 | 0.34 | | | 0.43 | | 0.45 | 95.0 | 74.0 | 95.0 |
| OH LATITUDE 41 | .20 | RADI | 13 | 0.40 | 0.45 | • | 0.50 | | • | • | • | • |
| Н0 | REFLECTIVITY: 0.20 | HOURLY SOLAR RADIATION | 10 11 12 13 14 | 0.42 | | 0.51 | 0.53 | 0.54 | 0.55 | 0.56 | 0.56 | 0.55 |
| | CTIVI | URLY | 11 | 0.40 | 0.45 | | 0.50 | | | 0.53 | | 0.53 |
| N. | REFLE | H | 10 | 0.34 | 0.33 | 0.42 | 0.43 | 0.45 | 0.45 | 95.0 | 0.47 | 95.0 |
| OUNGSTOWN | | | 6 | 0.25 | 0.28 | 0.31 | 0.32 | 0.33 | 0.34 | 0.35 | 0.35 | 0.35 |
| YOU | | | • | 13 | 0.15 | 17 | 18 | 19 | ~ | 2 | 2 | 0.20 |
| LOCATION | 5.91 | | ~ | 02 | 0.02 | 03 | 03 | 03 | 03 | 03 | 03 | 03 |
| LOCA | H0: | Ŧ | 1 | | 0.0 | | 0.0 | | | | | |
| | HORIZ. HO: | SOUTH | 'n | 0.0 | 0.0 | ٠ | 0.0 | ٠ | 0.0 | 0.0 | 0.0 | 0.0 |
| | 10 | TION: | ţ | 0.0 | • | • | 0.0 | ٠ | • | 0.0 | 0.0 | 0.0 |
| | MONTH: | ORIENTATION: | ; | 0.0 | 10.00 | 20.00 | 25.00 | 30.00 | 35.00 | 40.00 | 51.00 | 60.00 |

| 0.181 | DAILY TOTAL | RADIATION | 22.2.1 22.2.2 22.2.2 22.3.6 | 0.125 | DAILY TOTAL | RADIATION | 300 300 300 300 300 300 300 300 300 300 |
|---------------|--------------|-----------|--|-------------|-------------|-----------|--|
| ΚĎ | | 02 | | KD: | | 20 | |
| | | 19 | | | | 19 | |
| .343 | | 18 | | .279 | | 18 | 000000000 |
| | | 17 | 00000000 | 6 | | 17 | 000000000 |
| KT: | | 16 | 10000000 | Ë | | 16 | 000000000000000000000000000000000000000 |
| × | z | 15 | 000000000000000000000000000000000000000 | КT | z | 15 | 000000000000000000000000000000000000000 |
| | RADIATION | 14 | | | RADIATION | 14 | 000122 |
| 0.20 | | 13 | | 0.50 | | 13 | 000000000000000000000000000000000000000 |
| | SOLA | 12 | | •• | SOLAR | 12 | 000000000000000000000000000000000000000 |
| REFLECTIVITY: | HOURLY SOLAR | | 00000000 | EFLECTIVITY | HOURLY | 11 | 7.12.00 7.12.00 7.12.00 7.12.00 7.12.00 7.12.00 7.12.00 7.12.00 |
| REFL | Ŧ | 10 | 00000000 | REFL | Ī | | |
| | | 6 | 00000000 | | | 6 | 000000000000000000000000000000000000000 |
| • | | | 000000000000000000000000000000000000000 | • | | • | 000000000000000000000000000000000000000 |
| 4.2 | | | 00000000 | 3.56 | | | |
| . HO: | TH. | | 60000000 | . HO: | Ŧ | | 000000000 |
| HORIZ. | SOUTH | 3 | 00000000 | HORIZ. | SOUTH | | 00000000 |
| == | TION: | 4 | | 12 | Z | | |
| MONTH: | ORIENTATION: | - | 2000 2000 32000 2000 2000 2000 2000 200 | MONTH: | ORIE | ; | 10.0 10.0 220.00 30.00 35.00 60.00 |

| 24 MINUTES |
|------------|
| 35 DEGREES |
| LATITUDE |
| ě |
| MA CITY |
| OK LAHOMA |
| LOCATION |

| 0.187 | DAILY TOTAL | RADIATION | 20000000000000000000000000000000000000 | 0.187 | DAILY TOTAL | RAPIATION | WWW44444 WV-0-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1- | 0.187 | DAILY TOTAL | RADIATION | 44444444 47.00,000,000,000,000,000,000,000,000,000 |
|----------|-------------|-----------|---|--------|-------------|-----------|---|--------|-------------|-----------|---|
| KD: | | | 00000000 | KD: | | 20 | 000000000 | KD: | | 20 | 000000000 |
| | | 19 | 000000000 | | | _ | 000000000 | | | 19 | 000000000 |
| 482 | | | 00000000 | 482 | | - | 00000000 | 509 | | | 00000000 |
| | | 17 | 00000000 | Š. | | 17 | | • | | 17 | 0000000 |
| | | 16 | | | | _ | 000000000 H | •• | | 16 | 00 00 00 00 00 00 00 00 00 00 00 00 00 |
| X | | _ | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | ž | | | 00000000 00000000 00000000000000000000 | X | | 15 | DOOOOOO |
| | ATION | 14 | 1 000000 1 000000 1 000000 1 000000 1 000000 | | ATION | 14 | | | ATION | 14 | COOCOOO |
| .20 | RADI | 13 | 00000000000000000000000000000000000000 | .20 | RADI | 13 | | .20 | RADI | 13 | 000000 000000 000000000000000000000000 |
| TY: 0 | SOLAR | 12 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 17: B | SOLAR | 12 | | TY: 0 | SOLAR | 12 | M |
| ECTIVITY | HOURLY | 11 | 00000000 WANTUNING WEDNAMANA | CTIVI | HOURLY | 11 | | CTIVI | URLY | 11 | |
| REFLE | £ | 10 | 1000000 1 WW 4444 1 WW W 4444 1 WW W 4444 | REFLE | ¥ | 0 | 1444000000 14440000000 | REFLE | 5 | 10 | |
| | | • | 00.00 00 | | | 6 | 00000000000000000000000000000000000000 | | | • | 0000000 44444444 44866644 |
| | | •0 | 00.110000000000000000000000000000000000 | - • | | •0 | 00000000000000000000000000000000000000 | | | •0 | 0 . 30 0 0 . 30 0 . 30 0 . 30 0 . 30 0 . 30 0 . 30 0 . 30 0 . 30 0 . 30 0 . 30 0 . 30 0 . 30 0 . 30 0 . 30 0 . 30 0 . 30 0 . 30 0 . 30 0 0 . 30 0 . 30 0 . 30 0 . 30 0 . 30 0 . 30 0 . 30 0 . 30 0 . 30 0 . 30 0 . 30 0 . 30 0 . 30 0 . 30 0 . 30 0 . 30 0 . 30 0 . 30 0 0 . 30 0 0 . 30 0 0 . 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 5.23 | | ^ | 00000000 | 6.9 | | | 20022000 200200000 200000000 | 8.68 | | ^ | 22222222 |
| H0: | E | | 00000000 | . HO: | Ξ | | 00000000 | . HO: | <u>.</u> | | 00000000 |
| HORIZ | SOUT | | | HORIZ | SOUT | 2 | | HORIZ | SOUTI | | 00000000 |
| - | :NOI | • | | 2 | :NOI | | | м | ION: | - | e00000000 |
| SONTH: | ORIENTAT | ; | 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | MONTH: | ORIENTAT | | 11 L 1 0 . 0 1 0 . 0 20 . 0 35 . 0 6 . 0 6 . 0 6 . 0 6 . 0 6 . 0 | MONTH: | ORIENTAT | i | 10.00 226.00 225.00 335.00 40.00 60.00 |

| | 0.184 | DAILY T. AL | RADIATION | 5.75 5.05 60 | 5 | M) (v | . 5 | ŗ. | 0.183 | DAILY TOTAL | RADIATION | 0. | | • | 9. | įņ | 4.83 |
|----------|-----------|-------------|-----------|----------------------|--|--------|-----|------|-------------|-------------|-----------|------|--------|---|-----------|-------|--------------|
| | KÖ: | | 50 | 000 | • • | • | | • | KD: | | 20 | • | • | | • | | 00 |
| ES | | | 19 | | | • | | | | | 19 | • | ٠ | | ٠ | | 0.0 |
| MINUTES | 526 | | 18 | 0.03 | 0.0 | . C. C | | 0. | 534 | | 18 | 7 | - | | 0,0 | ? 0. | 0.04 |
| 24 | 9. | | 17 | 0.20 0.19 0.19 | | 7. | | ٦. | 0.5 | | 17 | ci | inc | | ۰. | 7.7 | 0.15 |
| DEGREES | •• | | 16 | 36 | M) M | mi | 'n | ٠. | ·· | | 16 | 4 | 4 1 | in. | 17. | ?" | 0.33 |
| 35 DE | X | | 15 | | יה יה | 4 | | 5. | ¥ | | 15 | 5.0 | ئ بر | , , | r. | | 9.39 |
| ADE. | | RADIATION | 14 | 0.62 | بع بع | 9.4 | | ι, | | ATION | 14 | .65 | 9 4 | 9. | 9. | و ه | 0.55 |
| LATITUDE | 1.20 | | 13 | 000 | 7 | ×0.4 | 9 | S. | .20 | RADI | 13 | 0.7 | ,, | `` | <u>~:</u> | . م | 0.62 0.56 |
| š | TY: 0 | SOLAR | 12 | 70 72 73 | | | 9 | 9. | 17: 0 | SOLAR | 12 | . 73 | | . ` . | ٠: ١ | • 9 | 0.64 |
| | EFLECTIVI | HOURLY | 1.1 | | | \$ | 9 | 5. | EFLECTIVITY | HOURLY | 11 | | | . `` | | ۰, ۰ | 0.62 |
| CITY | REFLE | ¥ | 10 | 0.60 | 9.9 | 9.4 | J | .5 | REFLE | ¥ | 10 | 9. | 9 4 | . • | 9. | . ج | 0.55 |
| OKLAHOMA | | | | 000 | N. N. | *** | . 4 | ٠. | | | ø. | .5 | ה. ה | 5 | ı. | ب | 0.44 |
| OKI | | | | | ייו נייו | 101 | . m | .2 | | | €0 | 5 | J. 11 | | <u>ښ</u> | ? M | .25 |
| LOCATION | 10.33 | | ^ | 20 19 19 | * * * * * * * * * * * * * * * * * * * | .17 | | .12 | 11.32 | | ~ | .25 | , ç | .21 | 62. | . 1.7 | 0.15 0 |
| LOCA | H0: | <u>.</u> = | 9 | 0.05 0.04 0.04 | 0.0 | c | . 0 | 0. | H0: | Ξ | • | . 10 | - c | | 0. | - 0 | 0.04 |
| | HORIZ. | SOUTH | | 0.00 | | | | • | HORIZ. | SOUTH | | | • | | • | | 0.0 |
| | · | 10N: | æ | 000 | • | | | • | 2 | : NOI | | | • | | ٠ | | 00 |
| | MONTH | ORIENTATION | - | 10.00 20.00 | 0.0 | . v. c | | ນ. ຍ | :HINGW | ORIENTATION | _ | 0.0 | ည ပ | 5.0 | 0.0 | . o | 50.00 |

| : 0.177 | DAILY TOTAL | RADIATION | 66.46 66.57 66.53 66.53 67.54 67.54 67.54 67.54 67.54 67.54 67.54 |
|--------------------|------------------------|-----------|---|
| KD: | | 20 | 00000000 |
| | | 19 | |
| 0.580 | | 28 | 0.12 0.00 0.00 0.00 0.05 0.05 0.05 |
| 0 | | 17 | 00.22 |
| KT: | | | 00.450 |
| <u> </u> | ~ | 15 | 00000000000000000000000000000000000000 |
| | EATION | 14 | 0.72 0.72 0.72 0.68 0.58 0.53 |
| 0.20 | HOURLY SOLAR RADIATION | - | 0.78 0.78 0.76 0.72 0.55 0.55 |
| REFLECTIVITY: 0.20 | SOLAF | 12 | 00.325 00.777 00.777 00.688 00.777 00.688 |
| ECT IV. | OURLY | 11 | 87.000 |
| REFLI | Ĭ | 10 | 0.71 0.72 0.72 0.68 0.68 0.55 |
| | | | 000000000000000000000000000000000000000 |
| ** | | ∞ | 00.44000.460000.460000.46000.46000.46000.46000.46000.46000.46000.46000.46000.46000000.460000.46000.46000.46000.46000.46000.46000.46000.46000.46000.46000.460000.46000.46000.46000.46000.46000.46000.46000.46000.46000.460000.46000.46000.46000.46000.46000.46000.46000.46000.46000.46000.460000.46000.46000.46000.46000.46000.46000.46000.46000.460000.4600000.460000.460000.460000.460000.460000.460000.46000000.4600000.400000000 |
| 11.65 | | 7 | 00000000000000000000000000000000000000 |
| . H0: | Ξ | 9 | 00000000000000000000000000000000000000 |
| HORIZ, HO: 11.65 | SOUTH | | 0.0010. |
| | : NOI | | |
| MONTH: 6 | ORIENTATION: | , | 50000000000000000000000000000000000000 |

| | 0.175 | AILY TOTAL | RADIATION | 66666666666666666666666666666666666666 | 0.174 | AILY TOTAL | RADIATION | 66666666 | 0.178 | A!LY TOTAL | RADIATION | 4 พ.พ.พ.พ.พ.พ.พ.พ. พ.พ.พ.พ.พ.พ.พ.พ. พ. |
|---------|----------|------------|-----------|--|--------|------------|------------|--|------------|------------|-----------|--|
| | KD: | Q | 20 | 0000000 | KD: | A | 0 ! | 00000000 | KD: | ٥ | 20 | 00000000 |
| ES | | | _ | | | | ~ 1 | | | | F4 1 | |
| FINUT | 5 | | 82 | | 0 | | 13 | 222333445 | 6 0 | | 3.8 | 00000000 |
| 24 1 | 0.59 | | 17 | 1 | 09.0 | | 1 | 00000000000000000000000000000000000000 | 0.56 | | 17 | |
| GREES | •• | | 16 | 00.449 00.448 00.448 00.448 00.488 00.488 00.488 00.488 00.488 | •• | | | 00000 444400000 04640000000000000000000 | •• | | 16 | |
| 35 PE | K | | 15 | \$\circ \alpha | X | | 15 | ろうちょうちょう 4 も 8 8 8 8 7 9 5 1 1 7 1 | KT | | 15 | 5455555555 |
| TUDE | | ATION | 14 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | ATION | 1 | 65012222 | | ATION | 16 | NO 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 |
| LATIT | .20 | KADI | 13 | 00.77 00.38 00.77 00.77 00.75 00.65 | .20 | RADI | 13 | 00.27 00.83 00.83 00.28 00.28 00.28 00.28 | .20 | RADI | 13 | 0.75 |
| 6, | 17: 0 | SOLAR | 12 | 0000000 0000000 0000000 00000000 | 1Y: 0 | SOLAR | 12 | 00.83 00.83 00.83 00.83 00.77 71 | TY: 0 | SOLAR | 12 | 0.78 0.78 0.78 0.78 0.78 |
| | CTIVI | OURLY | 11 | | CIIVI | URLY | = | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | CTIVI | URLY | 11 | 00000000000000000000000000000000000000 |
| CITY | REFLE | 모 | 1.0 | 1 000000000000000000000000000000000000 | REFLE | 9 | \neg | 00.72 00.72 00.72 00.72 00.73 00.65 00.65 | REFLE | HO | | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| AHCITA | | | • | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | • | 00 00 00 00 00 00 00 00 00 00 00 00 00 | | | 0 | 00000000 440000000 144000000 10000000 |
| OKL | _ | | 60 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | *0 | 0000000 000000000000000000000000000000 | | | •0 | |
| OCATION | 11.30 | | 7 | 00000000000000000000000000000000000000 | 10.26 | | ! ~ | 0.22 0.22 0.20 0.20 0.13 0.13 0.15 | 8.63 | | 7 | 000000000000000000000000000000000000000 |
| 1007 | . но: | Ŧ | 9 | 000000000000000000000000000000000000000 | H0: | Ξ | 9 | 00000000000000000000000000000000000000 | H0: | . | • | |
| | HORIZ | Sou | (C) | 000000000 | HORIZ. | SOUT | | 00000000 | HORIZ. | Sour | | 000000000 |
| | _ | :NOI | | | •• | : NOI | | | • | : NOI | | |
| | MONTH: | ORIENTAT | ; | 71[1 0.0 10.00 220.00 325.00 40.00 60.00 | MONTH: | ORIENTAT | • | 20000000000000000000000000000000000000 | MONTH: | CRIENTAT | ; | 1111 0.0 0.0 0.0 22.0 30.0 30.0 50.0 60.0 |

| | 0.178 | DAILY 10TAL | RADIATION | 3.89 | 4.38 | 4.78 | 4.93 | SO. 10 | 5.15 | 5.21 | 5.23 | 5.13 |
|------------------------|--------------------|------------------------|----------------------|------|-------|-------|-------|------------|-------|------------------|---------|-------|
| | ξĎ | | 20 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | o. o | 0.0 |
| TES | | | 19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 24 MINUTES | 0.572 | | 18 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0 | | | 0.04 | 0.05 | 0.05 | 0.05 | 90.0 | 90.0 | 90.0 | 0.07 | 0.07 |
| GREE | <u>:</u> | | 16 | 0.20 | 0.23 | 92.0 | 0.27 | ٠. دي | 0.29 | 0.29 | 0.30 | 0.30 |
| 35 DE | KT: | | 15 | 0.36 | 0.41 | 0.45 | 95.0 | 0.47 | 35.0 | 0.49 | 65.0 | 0.48 |
| UDE | | ATION | 16 | | | | | | | | 0.64 | |
| LATIT | .20 | RADI | 13 | 0.56 | 0.63 | 0.58 | 0.70 | 0.72 | 0.73 | 97.0 | | 0.72 |
| OK LATITUDE 35 DEGREES | REFLECTIVITY: 0.20 | HOURLY SOLAR RADIATION | 10 11 12 13 14 15 16 | 0.59 | 99.0 | 0.71 | 0.73 | 0.75 | 0.76 | 0.77 | 0.77 | 0.75 |
| | CTIVI | URLY | 11 | | 0.63 | | | | 0.73 | 97.0 | 0.73 | 0.72 |
| CITY | REFLE | Đ | 10 | | | | 0.61 | 0.62 | 0.63 | 99.0 | 9.0 | 0.63 |
| OKLAHOMA CITY | | | ٥ | 0.35 | 0.43 | 0.45 | 9.0 | 0.47 | 0.48 | 65.0 | 65.0 | 0.48 |
| OKL | | | • | 20.7 | 23 | 56 | 27 | (1) (0) | 5 | 23 | 0.30 | 30 |
| 1108 | 6.80 | | 7 | 0.04 | 0.05 | 0.05 | 90.0 | 90.0 | 90.0 | 90.0 | 0.07 | 0.07 |
| LOCATION | : 9 | I | 9 | 1 | | | | | | | 0.0 | |
| | HORIZ. HO: 6.80 | SOUTH | 5 6 | 0.0 | | | | | | | 0 | |
| | | : NOI | 4 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| | MONTH: 10 | ORIENTATION: | ; | 1111 | 13.00 | 20.00 | 25.00 | 30.00 | 35.00 | \$0.00 \$0.00 | 50.00 | 90.09 |

| 0.181 | DATLY TOTAL | RADIATION | NWWAAAAA BUBOUWANN AAUCAOUNK | 9.133 | DAILY TOTAL | RADIATION | 23.000.000.000.000.000.000.000.000.000.0 |
|---------------|-------------|-----------|--|-------------|--------------|-----------|--|
| Š | | 50 | 000000000 | Ë | | 20 | |
| | | 19 | 000000000 | | | 19 | 00000000 |
| 0.547 | | 18 | 00000000 | 665. | | 13 | 00000000 |
| | | 17 | 00000000 | 6 | | | |
| KT: | | 16 | 0.0000000000000000000000000000000000000 | KT : | | | 00000000 |
| × | z | 15 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | * | z | 15 | |
| | RADIATION | 14 | 1 00 00 00 00 00 00 00 00 00 00 00 00 00 | | RADIATION | 14 | |
| 0.20 | | 13 | | 0.20 | | 13 | 000000000 |
| ITY: | SOLAR | 12 | | | SOLA | | 00000000 |
| REFLECTIVITY: | HOURLY | 11 | 00000000 00000000 000000000000000 | EFLECTIVITY | HOURLY SOLAR | ~ | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| REFL | I | 0 7 | 1 000000000000000000000000000000000000 | REFL | I | _ | 0.30 0.44 0.44 0.54 0.54 0.50 |
| | | • | 00000000 | | | Φ. | 00000000 |
| 0 | | | 220000000000000000000000000000000000000 | 58 | | | 0.00 |
| : 5.20 | | | 00000000 | ÷ | | | 00000000 |
| HOH | нтпо. | | 000000000 | | JTH | | 000000000 |
| HURIZ. | 201 | | | HORIZ. | SOUTH | | 00000000 |
| 11 | TION: | | | 12 | TION: | • | |
| MONTH: | ORIENTATION | | 110.00 10.00 20.00 30.00 35.00 40.00 60.00 | MONTH: | ORIENTATION | | 40000000000000000000000000000000000000 |

| - | 0.186 | DAILY TOTA | RADIATION | ۳, | 9. | ۰. | ÷.c | 'n | 4 | 3.54 3.54 | 0.186 | DAILY TOTA | RADIATION | • | D 4 | 9 | | 30 | • | 3.87 | 0.187 | DAILY TOTA | RADIATION | ~. |) in (| ٥٠ | | Ú4. | N |
|---------|---------|------------|------------|------|-----|----------|--------|------------------|------|----------------|--------|------------|-----------|-----|-------------|------|------|------------|-----|------------------------|---------|-----------------|------------|------|----------|------------|---------------|------------|----------|
| | KD: | | N | | ٠ | ٠ | • | | • | 90 | χΩ. | | | 1 | • | | • | | • | , o | Q. | | | • | | • | | | • |
| TES | | | 5.9 | | • | ٠ | ٠ | | ٠ | 90 | | | 19 | İ | • | • • | • | | • | 2 (7 > (2 | | | 19 | | | • | | | • |
| MINUTE | 452 | | ~ : | 0.0 | • | ٠ | • | | • | • • | 454 | | - | | • | | ٠ | | • | | 479 | | ** | 0.0 | 90 | 9 9 | • | | • |
| s 12 | • | | 1 | 0.0 | • | • | ٠ | | • | | • | | | 1 1 | | • | 9. | D 0 | 0. | 90.0 | • | | ~ : | ~ ~ | | 7. | : -: | | Ξ. |
| DEGREES | <u></u> | | 7 | 0.05 | ۳. | | - | : -: | 7. | 7.77 | | | 2 | ! ' | Ξ- | ! ~! | ~ | N | N | 0.23 | <u></u> | | ~ I | C) C | ٠, | i | ini | 'n'n | ? |
| 36 DE | X | _ | 15 | 0.21 | ÇÌ | Ċ, C | 7" | יא י | M) P | J.W. | ₽ | _ | ~ | ; | ci w | , w | ا (س | | m., | 0.37 | ₽ | | ~ 1 | M) 4 | | * 4 | * | * * | ۳. |
| TUNE | | ATION | 5 | 0.39 | ۳. | m. | * < | . 4 | 4. | | | ATION | 1 4 | 1 1 | M, 4 | • | • | 3 3 | * | 0.47 | | ATION | 1. | 4 | . 50 | U Ą | ,,, | ٠'n | ĸ. |
| LATE | 0.20 | RADI | 13 | | • | • | • | . 5 | νi | ü. | 1.20 | RADI | 13 | ! | • | . " | ٠. | Ų | Ś | 0.54 | .20 | RADI | 13 | 9.54 | | <u>د</u> ب | 9 | | 'n. |
| M M | ITY: 0 | SOLAR | ~ | ! W | * | 3 | ن، | j rj | ij | 0.55 | ITY: 0 | SOLAR | ~ | ! | 4 | ٠, | N. | ů. | 1 | 0.56 | 17Y: 0 | SGLAR | | 0.57 | 9 | 9 4 | | • • | ٠. |
| | ECTIVI | HOURLY | 11 | m | 4. | 4 | * < | . 5 | ıÜ. | 0.52 | ECTIVI | HOURLY | == | 1 | | .5 | 'n | J. | N. | 0.54 | ECTIVI | HOURLY | 11 | W) W | 9.0 | 9.4 | 9.9 | ٠ <u>.</u> | S. |
| | REFLI | ¥ | 10 | ! " | ٣. | M. | * 1 | . . | * | 0.45 | REFLI | ¥ | 01 | 1 | m. 4 | • | 4 | 4.4 | • | 0.47 | REFLE | ¥ | 70 | 4.0 | 9.00 | ÜĶ | انمز | v.v. | ₹. |
| S.A. | | | Φ. | | ij | ų, | ÿ'n | . w | ~; | | | | • | 1 4 | Ÿ | 'n | ٠, | | M | 0.37 | | | | | | * 4 | . * | 5 · 5. | M. |
| TUL | • | | • | 0 | ~ | <u> </u> | ₹. | : - : | 7 | 0.18 | • | | • | 1 | <u>-</u> ;- | | ~ | , v | i | 0.23 | • | | • | ~~ | 0.25 | 'nς | ini | 'nů | 'n |
| ATION | 5.1 | | | | • | ٠ | • | | ٠ | 90 | 6.7 | | | 1 | 0.0 | 90 | 0 | - c | 0. | 0.00 | 8.5 | | _ | 9.11 | - | 7 | : -: : | 7. | : |
| 1007 | . но: | Ŧ | - 1 | | • | • | ٠ | | • | 90 | . HÖ: | Ŧ | | 1 | • | | • | • | • | 00 | . HO: | Ξ | • | ٠ . | 0.0 | D 6 | | | 0. |
| | HORIZ | Soul | | | • | ٠ | ٠ | | ٠ | 90 | HORIZ | SOUTH | S | 1 | ٠ | | ٠ | • | • | 00 | HORIZ | SOUTH | - 1 | 0.0 | | • | • • | | • |
| | ~ | ION: | | | • | ٠ | ٠ | | • | | ~ | 10N: | • | i | • | | • | | | | m | 10N: | | 9.0 | | • | | • • | • • |
| | HONTH: | ORIENTAT | : | ٠ د | 0.0 | 0.0 | , , | | 0.0 | 50.00 60.00 | MONTH: | ORIENTAT | ; | _ | 0.0 | 90 | 5.0 | 9.0 | 0 | 50.00 60.00 | MONTH: | DRIENTAT | - | 0.0 | | N 6 | 90 | 00 | 0.0 |

| | 9.188 | DAILY TOTAL | RADIATION | • | 5.19 5.19 | ~ | 7 | 7: | • | 9 | ~ | 0.187 | DAILY TOTAL | RADIATICA | 1 | Ċŀ | 9 | , | 5.25 | • | ? =: | 0.182 | DAILY TOTAL | RADIATION | 6.37 | 7 | 9.* | 9 | 4. | ĠŅ | |
|---------|----------|-------------|-----------|---|--------------|------|-----|-----|-----------------|------------|------|------------|-------------|-----------|---|------------|------|-------|--------------|-----|------------------|----------|-------------|-----------|-------|------|----------|-------|-----|-------|---|
| | χĎ: | | | 1 | - - - | • | ٠ | ٠ | ٠ | | | Ä | | 20 | | • | • • | ٠ | 0 | • | | Ä | | 20 | 9.6 | | • | | • | | |
| rES | | | 19 | ĺ | | • | • | ٠ | • | | | | | 19 | 1 | . c | | • | | • | ? ? | | | 19 | | | 9,6 | | 0. | ? 0 | |
| HINUL | 161 | | 18 | ! | 0.0 | • | • | 9 | 9 6 | • | • | 508 | | 18 | 1 | ج ج | | 9 1 | 0.05 | 91 | - | 246 | | 18 | | . • | 9 | 9 0 | 9. | | |
| 5 12 | | | 17 | 1 | 0.19 | 7 | ~ | _; | 7. | 7 | 7 | 6 | | 17 | | 'n٠ | iú | Ņ | 0.13 | 7. | | • | | 17 | | . ~ | i | iv | | 7.7 | |
| DEGREES | <u>:</u> | | 16 | ! | 0. MM | " | m | w. | M. H | 30 | 2 | <u>:</u> | | | - | س م | . m | M) II | 0.35 0.35 | ų. | in | <u>:</u> | | 16 | 0.43 | * | | . w | 7 | 3.4 | ! |
| 36 DE | T | _ | 15 | 1 | 9.40 | * | *. | * | • | • | M | ⊒ | _ | 15 | - | n, n | j | ٠, | . 4. . 4. | • | m | 7 | _ | 15 | • | | | نمن | | e m | |
| TITUDE | | KT10N | | ! | 0.56 | 'n | 'n, | ن | 'n | ن، ز | 4 | | ATION | 14 | ; | 04 | ٠ | 9 | 9.0 | ij | Ų A | | ATION | 14 | | 9 | 9. | ی ہ | ٠٠٠ | ٠. 4. | |
| LATI | 0.20 | R KADI | 13 | 1 | 0.62 | 9 | 9 | 0 | 9 | 9.0 | S | 1.20 | R RADIA | ~ | ; | 9.4 | 9 | 9. | 0.63 | 9. | ง๋ง๋ | 1.20 | RAD1 | 13 | | . ^. | ! | `` | ٠. | ناه | , |
| ă | 17Y: (| SOLAS | 12 | 1 | 9.64 | • | 9 | 9. | ٠,٠ | ه ه | Š | ITY: 0 | SOLAF | 12 | ; | 9. | . ^: | | υ· Φ | 9 | 0.55 | ITY: 0 | SOLAR | ~ | 1 7 7 | | <u></u> | ``` | | | • |
| | ECTIV. | HOURLY | 11 | ! | 0.62 | • | 9. | 9. | • | 9 | 5 | ECT IV | HOURLY | 11 | 1 | 9,4 | Ý | • | • • | 9. | 0.53 | ECTIV | HOURL Y | 11 | | . ^ | 7. | `` | • | 6 10 | • |
| | REFL | Ŧ | 70 | 1 | 9.56 | ij | S | Ġ | رن _ا | jĸ | | REFL | Ξ | 70 | • | 9.1 | . 6 | 9 | ٥٠٠ | 'n | 0.47 | REFL | Ĭ | 10 | | 9 4 | 9 | 9.9 | 9 | v. 4 | |
| LSA | | | • | 1 | 9.4 | | • | * | • | i a | ~ | | | • | ! | 'n. | j | 'n | * * | • | 0.37 | | | • | | , 6 | | ,,, | | • • | |
| TULS | • | | •• | ! | 0.33 | . M | ~ | ٣. | M | | ivi | - | | •0 | ŀ | ۳. ۳ | 'n | *3 * | 3 0 | 'n. | 0.25 | ^ | | •• | • | | ~ | J | ~ | 2 C | |
| OCATION | 10.2 | | 7 | ; | C | : ~: | 7 | 7. | 7. | 7. | : -: | .1.3 | | ^ | 1 | ٠'n | ici | Ņ | ×- | 7 | 9.15 | 11.6 | | ~ | 100 | ٠, | į | úч | - | 9.15 | • |
| 100 | . HO. | TH. | • | 1 | 0.0 | | • | ఆ | • | ? c | 0 | . HO: | I | • | ! | 7.5 | ? • | • | 90 | . 3 | 0.0 | . HO: | Ŧ | • | ! -:- | . 0 | | 00 | - | 0.05 | • |
| | HORIZ | SOUTH | ĸ | : | 00 | | | • | • | | | HORIZ | 1008 | 5 | 1 | 0,4 | | • | 90 | 0 | 9.0 | HORIZ | SOUTH | S | 9.9 | 9 | • | בי בי | | 6.6 | • |
| | • | 110N: | | ; | 00 | | | ٠ | • | • | | 5 0 | TION: | * | | • | | • | • • | • | | • | TION: | • | | • | | | | 0 6 | • |
| | MONTH: | ORIENTAL | | _ | 0.0 | 9 0 | 0 | 0.9 | • | 9 6 | 9 6 | MONTH: | ORIENTAT | | _ | 0.0 | 90 | 5.9 | | 0.0 | \$0.00 \$0.00 | MGATH: | ORIENTAT | : | -0.0 | | 20.0 | 00 | 0 | • | |

| 0 |
|---|
| 9 |
| • |
| 1 |
| ۵ |

| | 0.179 | DAILY TOTAL | RADIATION | & & & & & & & & & & & & & & & & & & & | 0.177 | DAILY TOTAL | RADIATION | N 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 0.182 | DAILY TOTAL | RADIATION | 441111111111111114 42111111111111111111 |
|---------|--------|-------------|-----------|--|---------|-------------|-----------|--|--------|-------------|------------|---|
| | ΚĎ | | | 00000000 | ΚĐ | | | 00000000 | KD: | | 67 1 | 00000000 |
| ES | | | ~ 1 | | | | | 00000000 | | | ~ 1 | 00000000 |
| MINUT | 99 | | 18 | 000000000000000000000000000000000000000 | 92 | | -4 | 00000000 0000000 000000000000000000000 | 43 | | 18 | |
| 12 | 6.5 | | 17 | 00000000000000000000000000000000000000 | 6.5 | | 17 | 10000000000000000000000000000000000000 | 9.5 | | ~ | 00000000 |
| REES | | | 36 | 4444mmmm | | | 16 | ************************************** | | | 16 | #0H0000H6 |
| e DEG | ΚŢ | | 15 | | KT: | | 15 | | KT | | 15 | 1 |
| 10E 3 | | HION | 14 | 20000000000000000000000000000000000000 | | TION | 14 | 44444444 | | 110N | 16 | |
| ATITUI | 20 | RADIA | ю | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 20 | RADIA | 13 | 22.22.22 22.22.22 23.22.23 | 20 | RADIA | 13 | 2990 |
| ٠ ۵ | TY: 0 | SOLAR | 12 | 0 | TY: 0. | SOLAR | 12 | 778887779 961106848 | TY: 0. | SOLAR | 12 | 0 . 54 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| | CTIVIT | <u></u> | 11 | 20000000000000000000000000000000000000 | ECTIVII | OURLY S | 17 | 0.73 0.73 0.73 0.74 0.75 0.75 0.75 | TIVI | <u>></u> | 11 | 00000000000000000000000000000000000000 |
| | REFLE | HOUR | 10 | 1 00000000 1 000000000 1 0000000000 1 00000000 | REFLE(| H | 10 | | REFLEC | HOUR | 10 | 00000000000000000000000000000000000000 |
| SA | _ | | ٥ | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | _ | | | 00000000 0000000 00000000044 0000000000 | _ | | | 00000000000000000000000000000000000000 |
| TUL | | | €0 | 00000000000000000000000000000000000000 | | | •• | 00000000000000000000000000000000000000 | | | •0 | 20000000000000000000000000000000000000 |
| OCATION | 11.30 | | 7 | 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 10.22 | | 7 | 000000 | 8.55 | | | |
| LOCA | H0: | I | 9 | 100000000000000000000000000000000000000 | HO: | I | 9 | 5044101010101010 | :0н | ~ | • | 1 00000000 |
| | HORIZ. | SOUTI | | | HORIZ. | SOUTI | īŪ | | HORIZ. | SOUTH | Ŋ | 00000000 |
| | 7 | r ION: | | 00000000 | €0 | :NOI | • | 00000000 | 6 | ION: | | 00000000 |
| | MONTH: | ORIENTAT | i | 111- 10.00 10.00 30.00 30.00 40.00 60.00 | MONTH: | ORIENTAT | ; | 116 100 100 100 100 100 100 100 100 100 | MONTH: | ORIENTAT | | 11. 10.00 10.00 25.00 35.00 40.00 60.00 |

| | 0.181 | AILY TOTAL | RADIATION | w4444444 | 0.186 | DAILY TOTAL | RADIATION | 00000000000000000000000000000000000000 | 0.186 | DAILY TOTAL | RADIATION | 83.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3. |
|---------|------------|------------|-----------|--|--------|-------------|-----------|--|----------|-------------|-----------|---|
| | KD: | Щ | ~ | | KD: | - | 20 | 00000000 | KD: | | 20 | 00000000 |
| res | | | | 00000000 | | | ~ 1 | 00000000 | | | 1 | 00000000 |
| MINUT | 549 | | ~ | | 515 | | | 00000000 | 468 | | | |
| 5 12 | | | | 1 0000000 1 0000000 1 448888888 | 9 | | 17 | 00000000 | 0 | | 17 | 00000000 |
| EGREE | . - | | | 00000000 | ï | | 16 | 00000000 | ÷ | | 16 | 00000000 |
| 36 D | ¥ | z | 15 | 00000000 | × | Z. | 15 | 00000000 | ¥ | z | 15 | 00000000 |
| TUDE | | IATIO | - | 1 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | IATIO | 14 | 0044.00 0044.00 0044.00 0044.00 | | IATIO | 14 | 00 00 00 00 00 00 00 00 00 00 00 00 00 |
| LATI | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | | 0.20 | R RAD | | 00000000 |
| Š | ITY: | SOLA | 12 | | ITY: | SOLA | 12 | 00000000000000000000000000000000000000 | ITY: | SOLA | _ | 00000000000000000000000000000000000000 |
| | ECTIV | OURLY | 11 | | ECTIV | OURLY | 11 | 44.0.00 | ECTIV | OURLY | 11 | 00000000000000000000000000000000000000 |
| | REFL | I | | 1 000 00 00 00 00 00 00 00 00 00 00 00 0 | REFL | r | - | 000000000 | REFL | 1 | 10 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| ULSA | | | 6 | 00000000 | | | 6 | 0.228 | | | • | 000000000000000000000000000000000000000 |
| _ | e Q | | •0 | 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 9 | | ∞ | 0.15 0.15 0.15 0.18 0.18 0.19 0.20 0.20 | y | | 00 | 10000000000000000000000000000000000000 |
| OCATION | 6.68 | | 7 | 000000000000000000000000000000000000 | 5.0 | | | 000000000 | 4.4 | | | 000000000 |
| 100 | H0: | H. | | 00000000 | HO: | SOUTH | | 000000000 | . HO: | DUTH | _ | 00000000 |
| | HORIZ | SOUTH | ĸ | 00000000 | HORIZ | 501 | ĸ | 000000000 | HORIZ | วอร | 'n | 000000000 |
| | 10 | ATION: | 4 | 000000000 | 11 | TION: | | | 12 | TION: | 4 | |
| | MONTH: | ORIENTA | ; | 11LT 220.00 325.00 60.00 60.00 | MONTH: | ORIENTA | i | 220.00 320.00 240.00 240.00 240.00 | MONTH: | ORIENTA | | 10.00 25.00 25.00 35.00 40.00 55.00 |

| | 0.125 | DAILY TOTAL | RADIATION | 0.000000000000000000000000000000000000 | 0.180 | DAILY TOTAL | RADIATION | 1.72 22.22 22.22 22.33 2.33 2.33 | 0.182 | DAILY TOTAL | RADIATION | 00000000000000000000000000000000000000 |
|----------|--------|-------------|---|---|--------|-------------|-----------|--|----------|-------------|-----------|---|
| | Ë | | 20 | 00000000 | KĎ: | | 20 | 00000000 | KD: | | 20 | 000000000 |
| TES | | | 19 | | | | 19 | 00000000 | | | ~ | |
| MINUTE | 262 | | - | | 328 | | 38 | 00000000 | 369 | | ~ | |
| e S | 0. | | 17 | | 9 | | 17 | | 9 | | ~ | 000000000000000000000000000000000000000 |
| EGREE | 7: | | 16 | | ÷ | | 16 | 00.00 | :- -: | | | 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| 46 D | ¥ | z | 15 | 00000000000000000000000000000000000000 | × | z | 15 | 00.200000000000000000000000000000000000 | ¥ | z | 15 | 00000000000000000000000000000000000000 |
| TUDE | | IATIO | 14 | | | IATIO | 14 | 00000000000000000000000000000000000000 | | IATIO | 14 | 0000000 00000000 0000000000000000 |
| LATI | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | เล่นพพพพพพพ | 0.20 | RRAD | M | 0000000 000000 0000000 000000000 |
| 9. 8. | ITY: | SOLA | 12 | | ITY: | SOLA | 12 | 00000000000000000000000000000000000000 | ITY: | SOLA | | 000000000 104444444 1248445548 |
| | ECTIV | OURLY | ======================================= | | ECTIV | OURLY | 11 | | ECTIV | HOURLY | ~ | 00000000000000000000000000000000000000 |
| | REFL | I | 10 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | REFL | I | | 00000000 | REFL | I | 10 | 00000000000000000000000000000000000000 |
| TORIA | | | 6 | 00000000 | | | • | 00.200000000000000000000000000000000000 | | | • | 00000000000000000000000000000000000000 |
| AS | o. | | •0 | 000000000000000000000000000000000000 | ý. | | •0 | 0000000 | 6 | | • | 0000000 |
| OCATION | 3.4 | | | 00000000 | 5.2 | | 7 | | 7.4 | | ^ | |
| 100 | : HO: | ITH | | 00000000 | HO: | OUTH | • | 000000000 | . H0: | TH. | | |
| | HORIZ | SOUTH | ις. | 00000000 | HORIZ | Sou | | 00000000 | HORIZ | SOUT | | 00000000 |
| | - | ATION: | | 00000000 | 8 | TION: | | 000000000 | m | rion: | | 00000000 |
| | MONTH: | ORIENTA | ; | 7117 0.0 10.0 10.0 32.0 33.0 60.00 60.00 | MONTH: | ORIENTA | 7 | 20.00 20.00 30.00 35.00 40.00 50.00 | MONTH: | ORIENTATI | | 711.7 10.00 20.00 30.00 30.00 40.00 60.00 |

| | 0.183 | DAILY TOTAL | RADIATION | W44444WW 6.1.22HHTA 8.1018404A | 0.186 | DAILY TOTAL | RADIATION | NNNNN4444 OTTTO 8840 CA40UNO 88 | 0.185 | DAILY TOTAL | RADIATION | 88888888888888888888888888888888888888 |
|----------|--------|-------------|-----------|--|--------|-------------|-----------|---|--------|-------------|-----------|--|
| | KD: | | • | 00000000 | KD: | | | 00000000 | KĐ: | | | 00000000 |
| ES | | | 19 | 00000000 | | | 19 | | | | 19 | 000000000000000000000000000000000000000 |
| MINUTES | 10 | | 82 | 00000000 00000000000000000000000000000 | 54 | | 18 | 0.12 0.11 0.10 0.03 0.07 0.06 0.06 | 37 | | 18 | 000000000000000000000000000000000000000 |
| 0 | 4.0 | | 17 | 000000000000000000000000000000000000000 | 4.0 | | 17 | | 4.0 | | 17 | 440000000 |
| DEGREES | •• | | 16 | | | | 16 | | | | 16 | 000000000 000000000000000000000000000 |
| 46 DE | K | _ | 15 | 0000000 00000000 0000000000000000 | X | _ | 15 | 0000000 4444444 488844446 488844 | X | | B | 44444444444444444444444444444444444444 |
| TUDE | | ATION | ~ | 00000000 14444444 100000000000000000000 | | ATION | 14 | | | ATION | 14 | |
| LATIT | 02.0 | R RADI | 13 | 00000000000000000000000000000000000000 | 0.20 | RADI | 13 | | 0.20 | RADI | 13 | 00000000000000000000000000000000000000 |
| 90 | ITY: 0 | SOLAF | 12 | 00000000 400000000 60000000000000000000 | TY: (| SOLAR | 12 | | TY: 0 | SOLAR | 12 | |
| | ECT IV | HOURLY | 11 | | ECTIV. | HOURLY | 11 | 00000000000000000000000000000000000000 | ECTIVI | HOURLY | 11 | |
| | REFL | Ĭ | 10 | 000000000 444444444 | REFLI | Ĭ | 10 | | REFLI | Ĭ | 10 | |
| TORIA | | | 6 | | | | • | 00000000 44444444 42000000 | | | 0 | 00000000000000000000000000000000000000 |
| AS | 2 | | • | 900000000 | • | | •• | 00000000 00000000 00000000000000000000 | 2 | | •0 | 000000000 0000000000000000000000000000 |
| LOCATION | 9.6 | | | 00000000 | 11.10 | | ^ | 00.22233 00.22233 00.22233 00.2233 | 11.73 | | 7 | 20000000000000000000000000000000000000 |
| 100 | . HO: | Ξ | | 000000000 100000000 100000000 | . HO: | Ξ | 9 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | . HO: | Ξ | 9 | 000000000000000000000000000000000000000 |
| | HORIZ | SOUTI | 2 | 00000000 | HORIZ | SOUTH | ŧ٧ | | HORIZ | SOUT | | |
| | 4 | TION: | | 00000000 | 7 | TION: | | 00000000 | 9 | TION: | | 00000000 |
| | MONTH: | ORIENTA | ; | 71[7 0.0 0.0 220.00 330.00 560.00 | MONTH: | ORIENTA | j | 225.00 225.00 235.00 435.00 60.00 | MONTH: | ORIENTA | : | 7, [,] 0, 0 220, 00 320, 00 550, 00 60, 00 60, 00 |

| | 0.188 | AILY TOTA | RADIATION | ਸ਼ਸ਼ਸ਼ਸ਼ਸ਼ਸ਼ਸ਼ ਸ਼ਜ਼ਫ਼ਸ਼ਜ਼ਸ਼ਖ਼ਜ਼ ਸ਼ਖ਼ਜ਼ਸ਼ ੶ਜ਼ਖ਼ | 0.188 | DAILY TOTA | RADIATION | 44NNNN444 V000000V4 UNV8VNVNN | 0.187 | AILY TOTA | RADIATION | W4444444 V=W4544 W=\$\$4 |
|----------|--------|-----------|-----------|--|--------|------------|-----------|--|--------|-----------|-----------|---|
| | KD: | Ω | 20 | 1 00000000 | KD: | ۵ | 20 | 00000000 | KD: | Δ | | |
| ES | | | 19 | | | | 19 | | | | 19 | |
| MINUTE | 96 | | 18 | 000000000000000000000000000000000000000 | 93 | | - | 000000000000000000000000000000000000000 | 90 | | 40 | |
| 6 | 9.0 | | 17 | 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 4.0 | | 17 | 00.13 | 0.5 | | P | |
| EGREES | •• | | 16 | 2 4 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | | | | 00000000000000000000000000000000000000 | ., | | 16 | |
| 46 DE | KT | | 15 | 1 80000000 | K | | 15 | 44444444 WW 6466W 20 | KT | | _ | 00000000 0000000 00000000 00000000 |
| TUDE | | ATION | | 1 0 80 0 0 0 0 0 7 4 0 | | ATION | 14 | | | ATION | 14 | 440000000 4400000000 46000000000 |
| LATIT | .20 | RADI | 13 | | .20 | RADI | 13 | N | .20 | RADI | 13 | 000000000000000000000000000000000000000 |
| 9. R | TY: 0 | SOLAR | 12 | 000000000000000000000000000000000000000 | TY: 0 | SOLAR | 12 | W | TY: 0 | SOLAR | | I የነገሪ የመቀው የመመጣ የ I የነገር የመቀመ የነገር የ I |
| | ECTIVI | HOURLY | | 000000000 000000000 000000000 00000000 | EC:IVJ | HOURLY | 11 | | ECTIVI | OURLY | _ | 000000000000000000000000000000000000000 |
| | REFLE | 9 | 10 | 1 000000000000000000000000000000000000 | REFLE | H | 10 | | REFLE | H | 10 | |
| TORIA | | | 6 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | 0 | 00000000 44444444 MU0000000 | | | | 000000000000000000000000000000000000000 |
| AST | | | •0 | 00.000 | | | •0 | 00000000000000000000000000000000000000 | | | •0 | 00.23 00.23 00.25 00.27 00.27 |
| LOCATION | 11.16 | | | 000000000000000000000000000000000000000 | 9.58 | | ^ | 000000000000000000000000000000000000000 | 7.38 | | 7 | 00.00 |
| LOCA | H0: | ᆽ | 9 | 000000000000000000000000000000000000000 | H0: | Ŧ | 9 | 0000000 0000000 0000000000000000000000 | 9 | I | • | |
| | HORIZ. | SOUTH | | 800000000 | HORIZ. | SOUTH | Ŋ | | HORIZ. | SOUTH | - | |
| | 7 | ION: | | 00000000 | • | ION: | | 00000000 | • | :NOI | | 00000000 |
| | MONTH: | ORIENTAL | ; | 11[1 10.00 10.00 25.00 35.00 40.00 60.00 | MONTH: | ORIENTATI | ; | 220.00 220.00 330.00 640.00 | MONTH: | ORIENTATI | i | 71 10.0 10.0 22.0 32.0 550.0 6.0 6.0 6.0 6.0 |

| | 0.185 | DAILY TOTAL | RADIATION | 83.30 83.30 83.30 83.30 83.30 83.30 | 0.182 | DAILY TOTAL | RADIATION | 1.22 1.49 1.32 2.06 2.06 2.16 | 0.179 | DAILY TOTAL | RADIATION | 0 |
|----------|----------|-------------|-----------|--|--------|-------------|-----------|--|--------|-------------|-----------|---|
| | ΚĎ | | 20 | 00000000 | ΚĐ | | 20 | 00000000 | KĐ | | 20 | 00000000 |
| TES | | | 13 | 00000000 | | | 19 | | | | 19 | 000000000 |
| MINUTE | 438 | | 18 | 00000000 | 363 | | 18 | | 302 | | | 00000000 |
| e s | ö | | 17 | 00000000 | | | 17 | 00000000 | • | | 1 | 00000000 |
| EGREE | :- | | 16 | 1 0000000000000000000000000000000000000 | Ë | | 16 | 00000000000000000000000000000000000000 | ä | | 16 | |
| 46 D | × | z | 15 | 0.22 0.23 0.32 0.32 0.32 0.32 | × | z | 15 | 0.15 0.15 0.15 0.15 0.15 0.15 | × | z | 15 | |
| TUDE | | IATIO | 14 | 1 000 000 000 000 000 000 000 000 000 0 | | IATIO | 14 | 0.17 0.23 0.25 0.25 0.23 0.23 | | IATIO | 5 | 0 . 1 . 0 . 1 |
| LATI | 0.20 | R RADI | _ | 00000000000000000000000000000000000000 | 0.20 | R RADI | 13 | 0.225 | 0.20 | R RAD | 13 | |
| OR S | ITY: | SOLA | 12 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ITY: | SOLA | 12 | | ITY: | SOLA | | 0.022 |
| | ECTIVITY | OURLY | 11 | 00000000 | ECTIVI | OURLY | 11 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ECTIV | OURLY | 11 | 00000000 |
| | REFL | I | 10 | | REFL | Ŧ | 10 | 00000000 | REFL | I | 10 | |
| TORIA | | | • | 100000000 | | | 6 | 0.10 0.13 0.15 0.16 0.18 0.19 | | | • | |
| AS | • | | •0 | 00000000 | 36 | | | 00.00 00.00 00.00 00.00 00.00 | 2 | | | |
| LOCATION | 5.1 | | | 00000000 | 'n | | | 00000000 | 2.7 | | | 000000000 |
| 100 | . HO: | HH | 9 | 999999999 | . HO: | H | • | 00000000 | : HO: | OUTH | 9 | 00000000 |
| | HORIZ | SOUT | Ŋ | 00000000 | HORIZ | SOUTI | | 00000000 | HORIZ | SOL | 'n | 000000000 |
| | 3.0 | TION: | | | 11 | TION: | • | 00000000 | 12 | ATION: | • | |
| | MONTH: | ORIENTA | i | 225.00 30.00 30.00 435.00 60.00 | MONTH: | ORIENTA | ; | 220.00 330.00 30.00 60.00 60.00 | MONTH: | ORIENTA | | 0.00 25.00 30.00 40.00 60.00 |

| | 0.183 | DAILY TOTAL | RADIATION | 1.55 22.22 22.22 24.36 2.54 2.54 3.83 3.83 3.83 3.83 3.83 3.83 3.83 3.8 | 0.185 | DAILY TOTAL | RADIATION | 23.22.23.23.23.23.23.23.23.23.23.23.23.2 | 0.187 | DAILY TOTAL | RADIATION | 24444444444444444444444444444444444444 |
|----------|---------|-------------|-----------|--|----------|-------------|------------|---|----------|-------------|-----------|---|
| | Ë | | 20 | | χ Ω | | | 00000000 | ΚĎ | | | |
| res | | | 19 | 0000000 | | | ~ | 00000000 | | | 19 | |
| MINUTE | 20 | | 13 | 00000000 | 255 | | 18 | 00000000 | 484 | | 13 | |
| 35 | 4.0 | | 17 | 00000000 | 0 | | 17 | 00000000000000000000000000000000000000 | <u>.</u> | | 17 | 0000000 |
| GREES | •• | | 16 | 00000000000000000000000000000000000000 | <u>:</u> | | 16 | | | | 16 | 00000 0000 0000 0000 0000 0000 0000 0000 |
| 43 DE | K | _ | 15 | | K | _ | 5 | 00.00 00 | Σ | _ | 15 | 000000000000000000000000000000000000000 |
| UDE | | ATION | 16 | | | ATION | 14 | 000000 00000 00000 00000 00000 00000 | | ATTON | 14 | |
| LATIT | .20 | RADI | 13 | 00000000000000000000000000000000000000 | .20 | RADI | 13 | | 02. | R RAPI | * | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 |
| 80 | TY: 0 | S01 AR | 12 | 72000000000000000000000000000000000000 | TY: 0 | SOLAR | - | 0000000 000000 04400000000 04800000000 | TY: 0 | SOLAR | | 00000000000000000000000000000000000000 |
| | ECTIVI | HOURLY |] | 00.22 00.33 00.45 00.45 00.45 00.45 | ECTIVI | HOURLY | 11 | 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 | CTIVI | HOURLY | 11 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 |
| | REFLE | H | 10 | | REFLE | ¥ | 10 | | REFLE | ž | 10 | |
| URMS | | | 6 | 00000000000000000000000000000000000000 | | | • | 00000000000000000000000000000000000000 | | | 0 | 00000000 0000000 0000000 000000000 |
| BUR | | | •0 | 0.05 | | | * 0 | 00000000000000000000000000000000000000 | | | •0 | 0.25 0.25 0.25 0.27 0.27 0.27 0.27 |
| LOCATION | 3.84 | | | 00000000 | 5.65 | | 7 | 00000000 | 7.73 | | 7 | 00000000 |
| LOCA | HO: | TH | _ | 00000000 | H0: | Ξ | • | 00000000 | H0: | Ξ | 9 | 00000000 |
| | HORIZ. | 5001 | | 00000000 | HORIZ. | SOUTH | 'n | | HORIZ. | SOUTI | | 00000000 |
| | - | TION: | | 00000000 | 2 | :NOI | J | 00000000 | ۳ ۳ | : NOI | 4 | |
| | MONTH: | ORIENTAT | | 41L1 10.00 220.00 35.00 45.00 50.00 | MONTH: | ORIENTAT | | 10.00 20.00 20.00 20.00 20.00 60.00 | MONTH: | ORIENTAT | | 4111 20.00 20.00 30.00 40.00 50.00 |

| | 0.184 | DAJLY TOTAL | RADI' CIUN | ຎຑຑຑຑຑຑຑ ຑໟຑຑຑຨຑຌຩ ຎໟໟຑຑຑຨຑຌຩ | 0.177 | DAILY TOTAL | RADIATION | 44444444444444444444444444444444444444 | 0.171 | DAILY TOTAL | RADIATION | 7.119 7.124 7.118 6.05 6.05 6.05 7.91 7.91 |
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| ES | | | 13 | | | | 19 | | | | 19 | |
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| W) M) | 9.5 | | 17 | 00.20 | 0.5 | | | 000000000000000000000000000000000000000 | 9.0 | | 17 | |
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| OR | TY: 0 | SOLAR | _ | 0.42 | TY: 0 | SOLAR | | 00.74 | TY: 0 | SOLAR | - | 00000000000000000000000000000000000000 |
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| | REFLE | Ħ | 10 | 7.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | REFLE | Ħ | 10 | | REFLE | 유 | _ | 0.73 0.75 0.75 0.75 0.73 0.66 |
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| | 0.151 | DAILY TOTAL | RADIATION | 77.7 79.9 77.9 86.7 77.4 86.7 77.4 86.7 86.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 9 | 0.156 | DAILY TOTA | RADIATION | 6667777666 70011177666 70011177666 | 0.158 | DAILY TOTA | RADIATION | 11111111111111111111111111111111111111 |
|----------|---------|-------------|-----------|---|----------|------------|-----------|---|--------|------------|-----------|---|
| | Ä | | | 00000000 | Ž. | | | 00000000 | KD: | | 20 | 00000000 |
| ES | | | 13 | 000000000000000000000000000000000000000 | | | 19 | 00000000 | | | 19 | 00000000 |
| MINUTE | 91 | | 82 | | 72 | | 18 | 000000 00000 00000 0000 0000 0000 | 63 | | 13 | 6000000 |
| 35 | 9.6 | | 17 | | 9.0 | | 17 | 45.0000000 45.00000000000000000000000000 | 9.0 | | 17 | 0000000 |
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| 43 DEGR | K | | 15 | 00000000000000000000000000000000000000 | X | | 15 | 00.00 00 | X | | ~ | 000000000 4000000000 4000000000000 |
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| | REFLECT | H | 10 | 00.00 00 | REFLE | H | 10 | | REFLE | 2 | 10 | |
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| | 0 | DAILY | RADIA | | 717 | • | ٠ | | • | • | • • | 1 | - | | DAILY | RADIA | | • | | | • | • | ٠ | . היי | | • | DAILY | RADIA | • | | • | • | | • | 20 |
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| EGREE | Ë | | 91 | i | 0.15 | N | 'n | Ň | 2 | Ņ | i, v | | | | | 16 | 1 | 9,9 | ے ن | | 5 | 6, | ∹ - | 0.17 | 1 | :. | | 16 | - | 9 | • | ٠, د | 90 | 0 | () C |
| 43 D | * | ~ | 15 | 1 | 0.36 | * | 3 | * | * | • | | • | ~ | • | 7. | 15 | 1 | ٠, ۲ | å c | 10 | Ġ | Ġ | ·; r | 0.33 | F 1 | × | ~ | 15 | ; ~ | : –: | ~ | ٦, | . (| i ci | 9.24 2.44 |
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| LATI | 0.20 | RADI | 13 | 1 | 0.4°C | • | 9. | | <u>ب</u> | • | • | • | 20 | | R RADI | 13 | 1 | 'n | ? * | . • | • | ι. | ٠ | 0.50 |) , | 0.20 | RAD | 13 | 10 | 'n | 7 | 7. | 7 | 4 | 0.45 |
| 9. H | 17: | SOLAR | 12 | 1 | 6.52 | Ó | ۲. | ۲. | <u></u> | ~! | | • | • | , | 30LA | 12 | 1 | س ر ، | ٠,٠ | | 3 | χi | Ů, | | | ITY: (| SOLAR | 12 | 10 | 'n | <u>ښ</u> | ٠, | * * | • | 0.47 |
| | EFLECTIVI | HOURLY | 11 | 1 | 0 4 0 8 | 9 | \$ | ۲. | ~! | ·: | | : | FCTIVITY | | OURLY | 11 | 1 | | 1 | | * | 'n | ٠ | 5. V | . | EFLECTIVI | HOURLY | | 10 | ٠, | 3 | M; | 7.4 | | 9.45 |
| | REFLE | H | - | 1 | 0 ¢5 | , PJ | ١, | ¥ | 9 | 9. | 9 4 | • | 9 1230 | | £ | 10 | 1 | 'n | ? " | . w | • | 4 | J. | - 4 A | • | REFLE | H | | ! ~ | | ú | ~) | ? ٢ | . w. | 0.37 |
| RNS | | | • | 1 | 3.0 | 4 | 4 | 4 | 4 | • | <u>د</u> ه | r, | | | | • | 1 | ~ | 'n | ic | . ~ | Ċ | ٠, ١ | 27.0 | : | | | • | ! - | • | 7 | ~ (| inv | . ~ | 21.2 |
| 2 | | | •• | 1 | 9.12 2.4 | N | 'n | Ņ | ú | ? | 'n٠ | i | | | | •0 | 1 | 0 | 9.6 | ء ج | | Φ. | ٠, | 7.0 | • | | | *0 | 1 0 | | 0 | 0 | b (: | 9 | 90.0 |
| LOCATION | 5.55 | | ~ | 1 | 9.00 | 9 | ۳. | ٠, | 0 | 0, | 0,0 | . | * | • | | ^ | ŧ | • | ٠ | • | | • | ٠ | 0 C | • | 3.16 | | ~ | t | | | • | • | | 00 |
| LOCA | .: 9 | x | 9 | ı | e e | • • | • | • | • | ٠ | • | • | | 2 | x | \$ | 1 | ٠ | • | • | • | • | ٠ | 0 0 | • | H0: | I | ø | 1 | | | • | | | 00 |
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| | 10 1 | : NO1 | | 1 | 96 | | • | • | • | • | • | • | | - | : NO11 | J | 1 | • | • | • | • - | | • | e c | • | 12 H | ION: | • | 1 | • - | • | • | • | | 00 |
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| | 0.180 | TOTAL | ATION | 000M | | | TOTAL | ATION | W4444444444444444444444444444444444444 | 0.186 | TOTAL | ATION | . 99manna . 99manna . 99manna |
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| | Ë | | | | | • | | | 00000000 | KD: | | 20 | |
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| MINUTES | 317 | | 18 | 00000 | • • • • • | • | | 18 | | 453 | | 38 | |
| 5 22 | 6 | | 17 | 00000 | | • | | 17 | 0000000 | 0 | | 17 | |
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| 42 D | × | 7 | 15 | | | • | _ | 15 | 00000000 247882888 | ¥ | - | 15 | |
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| LOCATION | 4.0 | | ^ | 00000 | | S | | 7 | 0000000 | 7.88 | | ^ | |
| 100 | .: #O | TH. | • | 00000 | • | · · | H | • | 00000000 | . HO . | Ŧ | • | |
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| | 0.185 | DAILY TOTAL | RADIATION | NNNNNNNN MN444WNCA MN88NADAL |
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| NO | . 92 | | 7 | 10000000 |
| LOCATION | <u></u> | | _ | 30000000000000000000000000000000000000 |
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| | HORIZ. HO: 9.92 | SOUTH | 'n | 00000000 |
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| 0.178 | DAILY TOTAL | RADIATION | ፙ ፙፙፙፙቔቔ ዹ፞ኯዹ፞ኯ ዹ፟ኯዹ፟ኯ ዹ፟ ዹ፟ኯዹ፟ ዹ ፞ | 6.171 | DAILY TOTAL | RADIATION | 7.2.18 6.90 6.90 6.90 7.80 7.83 8.83 |
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| | 0.150 | DAILY TOTAL | RADIATION | • | 7.94 | *0 | 1 | • | • | Ņ | 9 | . | 0.154 | DAILY TOTAL | RADIATION | | | • | 7.21 | 7 | 70 | 9 | ~ | 9.164 | DAILY TOTAL | RADIATION | • | .0.0 | • | | N | ٠;- | • | |
|----------|----------|-------------|-----------|------|------|----|-----|-----|-----|-----|-----|----------|----------|-------------|-----------|---|------|------------|------|-----|------------|----------|----------|---------|-------------|-----------|-----|--------|------|-------|------------|------------|-------------|----------|
| | Ş | | 20 | , | | • | • | • | • | ٠ | • | • | × | | | • | 0.0 | • | • • | ٠ | • • | • | • | Ä | | | ŧ | | ٠ | • | • | • | | |
| res | | | 19 | ŀ | | 0 | • | • | • | • | • | 9 | | | 19 | ŧ | • | • | • • | • | • • | | • | | | | | | ٠ | • | | . • | • • | |
| MINUTES | 969 | | 18 | ~ | 0.12 | 7 | • | • | • | 6 | 6 | - | 678 | | 18 | 1 | 90.0 | ? = | • | • | 9 0 | • | • | 33 | | • | ; < | | • | 9.0 | 0 | . • | • | |
| \$ 22 | • | | 17 | ۳ ا | 0.32 | " | ~ | Ç, | 'n | Ÿ | ~ | 7. | • | | 17 | • | 9.54 | iv | 14 | i. | 10 | , | • | • | | 17 | ; - | 0.13 | 7. | - | 7 | <u> </u> | : -: |) |
| EGREES | <u>:</u> | | 16 | • | 6.53 | 5 | S | 4 | ₹. | ۳, | • | M. | <u>:</u> | | 16 | | * | . 4 | 4.0 | 4. | • | • | . | <u></u> | | <u>~</u> | | 9.0 | M) I | ýĸ | (*) | 'n | 'n | |
| 42 01 | X | _ | 15 | 4 | 0.71 | ^ | 1 | 9 | 9. | 9. | 9 | 'n | ¥ | _ | 15 | - | | | . 4 | ٠. | ٥٠ | 9 | 'n. | ₽ | z | 15 | < | 0.51 | ij | ų, A. | 5 | 'n. | j. | , |
| TITUDE | | IATIO | * | | . 85 | • | • | • | •• | • | | • | | TATION | 14 | | ·.' | ` " | 0.82 | • | 0 = | - | 7. | | A T 10 | 7 | ! " | 9.66 | ۲: | | | | | • |
| LATI | 0.20 | R RADI | 13 | | . 9 | | • | • | • | • | ₩. | ` | 0.20 | R RADI | 13 | | ∞ (| 0.0 | 0.92 | ٠. | | • | ₩. | 0.20 | R RADI | | ! | 9.72 | • | 10 " | • | ₩. | 6 65 |) |
| 9 | ITY: | SOLAR | 12 | 1 0 | | • | • | • | • | • | • | • | VITY: | SOLAR | 12 | | | • | 96.0 | • | ~ • | • | • | ITY: | SOLA | 12 | ! " | . 78 | • | (O) | • | ₩. | 9 93 |) |
| | EFLECTIV | HOURLY | | : 0 | 36.0 | | • | • | • | • | œ, | ~ | FLECTIV | HOURLY | 11 | | *0.0 | 0.0 | 0.92 | 6. | ~ • | •0 | * | FLECTIV | HOURLY | 11 | ! | 9.0 | ••• | ю « | • | • | • | |
| | REFL | I | 10 | | 8 | 8 | 8 | ~ | 8 | 8.0 | 0.7 | 9. | REFL | I | 10 | | 7: | `; • | 0.82 | • | , « | · ~ | 7. | REFL | I | 10 | - | 0.66 | 0.7 | ~ · | | | · ^ | ; |
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| E | . | | ••• | ļ | | | | 9 | 4 | 4.0 | 4.0 | | Ñ | | •0 | | 4.0 | <i>y</i> . | • | 4.0 | 7 4 | | Ø . | Ñ | | 40 | | 0.33 | | 9 6 | | | 210 | |
| OCATION. | 11.2 | | ^ | • | 90 | | 0.2 | - | | 0.5 | 9.2 | 0. | . 9.8 | | ~ | 1 | 0.5 | 9 6 | 0.23 | 0 | 90 | | | 7.00 | | ^ | - | 0 0 13 | 6 | | | | 90 | : |
| Š | Z. HO: | HIS | • | ! - | | | 0 | 4 | 9 | 0.0 | 0.0 | 0. | 2 | SOUTH | • | | • | 9.0 | 0.0 | • | P, 4 | • | • | | OUTH . | • | i | | • | e 6 | ٠ | 9. | - 0 | . |
| | H0812 | SCUT | 40 | ! < | 0 | 9 | 9 | • | | • | ٠. | • | HORIZ | 201 | * | | | ٠ | | • | • | | • • | HORIZ | 500 | | | | ٠ | • | | | • • | • |
| | ~ | 710H: | • | 1 | | • | • • | • | • | ٠ | • | • | 40 | TION: | • | | | ٠ | 90 | • | • | | • | • | TION: | • | | 90 | ٠ | ٠ | ٠. | • | | • |
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| ` | 0.183 | DAILY TOTAL | RADIATION | www.d.d.d.d.d.g.w.d.d.d.d.d.d.d.d.d.d.d. | 0.183 | DAILY TOTAL | RADIATION | 22.22.23.38 22.55.40 2.67.7 | 0.180 | DAILY TOTAL | RADIATICN | 11111111111111111111111111111111111111 |
|---------|------------|-------------|-----------|---|--------|-------------|------------|---|----------|-------------|-----------|---|
| | KD: | | 2 | 00000000 | ΚĎ: | | | 00000000 | KD: | | ~ | 00000000 |
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| MINUT | 539 | | - | 00000000 | 396 | | | 00000000 | 315 | | ~ (| 000000000 |
| 5 22 | 0 | | _ | 00000000 | ö | | 17 | 00000000 | <u>.</u> | | ~ | 000000000 |
| EGREE | Ë | | 16 | 00000000 | Ë | | 16 | 00000000 | Ë | | 16 | 60000000 |
| 42 D | ¥ | z | 15 | 100000000 | × | z | 15 | 00000000 | × | z | 15 | 000000000 |
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| 0R | ITY: | SOLA | 12 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ITY: | SOLA | 12 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ITY: | SOLA | _ | 0.029 |
| | ECTIV | VIAUO | 11 | 1 | ECTIV | OURLY | 11 | 00000000 | ECTIV | OURLY | 1 | 000000000 |
| _ | REFL | x | Ü | 100000000 | REFL | = | 10 | 00000000 | REFL | = | 10 | 000000000000000000000000000000000000000 |
| DFORD | | | 6 | 00000000 | | | Φ. | 0.22 0.22 0.22 0.23 0.25 0.25 | | | 6 | 00000000 |
| HE - | 3 * | | •0 | 22 22 22 22 22 22 22 22 22 22 22 22 22 | = | | •• | 0.0000000000000000000000000000000000000 | 7: | | 40 | 000000000 |
| OCATION | 5.7 | | | 00000000 | . 4.0 | | 7 | 00000000 | 3.3 | | | |
| 100 | Z. HO: | оптн | _ | 000000000 | Z. HO: | SOUTH | 9 | 00000000 | . HO: | ООТН | _ | 00000000 |
| | HORI | S 01 | Ŋ | | HORI | 201 | ī | | HORIZ | 201 | ıÜ | |
| | 10 | TION: | J | 00000000 | 11 | TION: | | 00000000 | 12 | TION: | 4 | 00000000 |
| | MONTH: | ORIENTA | ; | 10.00 10.00 250.00 350.00 450.00 60.00 | MONTH: | ORIENTA | | 220.00 220.00 220.00 220.00 60.00 60.00 | MONTH: | ORIENTA | ; | 10.00 20.00 35.00 35.00 50.00 |

| | 0.181 | AILY TOTAL | RADIATION | 2.2.2.2.3.8.5.9 2.2.2.2.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3 | 0.183 | AILY TOTAL | RADIATION | 00000000000000000000000000000000000000 | 0.18 | AILY TOTAL | RADIATION | WWWWWWWWW WGG00000000000000000000000000 |
|----------|--------|------------|-----------|--|--------|------------|-----------|--|--------|------------|-------------|---|
| | KD: | ۵ | 20 | 000000000 | KD: | | 20 | | KD: | ۵ | | 00000000 |
| ES | | | 19 | 00000000 | | | 19 | 00000000 | | | | 00000000 |
| MINUT | ا ا | | ~ | 00000000 0000000 | 91 | | 18 | | 39 | | 60 1 | |
| 25 | 0.3 | | ~ | | 0.3 | | 17 | 00000000 | 9.0 | | 17 | 000000000000000000000000000000000000000 |
| GREES | | | 16 | 0000000 40000000 | | | 16 | 77665544 | _ | | 16 | |
| 3 DE | × | | 15 | 2229997421 | X | | 15 | 12277% 12277% | Ä | | 15 | 00000000000000000000000000000000000000 |
| UDE 4 | | NOIL | 14 | 000000000000000000000000000000000000000 | | TION | 14 | | | TION | 14 | waaaaaaa waaaaaaa waaaaaaa |
| ATITU | 20 | RADIA | 13 | | 20 | RADIA | 13 | WWG-44444 WWG-10WG-4W | 20 | RADIA | 13 | 44000000000000000000000000000000000000 |
| 24 | TY: 0. | SOLAR | | | | OLAR | | ###################################### | Y: 0. | OLAR | 12 | 14 WWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW |
| Ü | IIVI | IRLY S | | 1 | TIVIT | RLY S | 11 | ww.0404444 | TIVIT | RLYS | 11 | |
| C. | EFLEC | нэп | 10 | | EFLEC | HOU | 10 | 00000000000000000000000000000000000000 | EFLEC | HOURL | | |
| H BEN | ∞ | | 6 | 1 24 7 8 8 6 0 1 2 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | œ | | Φ. | ดเลเลเลเลเล | œ | | | |
| NOR | | | ∞ | 1 | | | | 11.1500 | | | •• | 000000000000000000000000000000000000000 |
| ION | 3.87 | | | 100000000 | 5.68 | | 7 | 00000000 | 7.75 | | 7 | 90000000000000000000000000000000000000 |
| LOCATION | H0 : | - | | 100000000 | : OH | _ | | 0000000 | H0: | _ | • | 00000000 |
| | HORIZ. | SOUTH | | | RIZ. | SOUTH | 5 | | HORIZ. | SOUTH | | |
| | 1 H(| : NO | | | 2 H0 | : NO | | 00000000 | 3 HC | | | |
| | MONTH: | ORIENTATIO | ; | 111 10.00 22.00 325.00 40.00 60.00 | MONTH: | ORIENTATIC | ; | 60000000000000000000000000000000000000 | MONTH: | ORIENTATIO | ; | 220.000 220.000 220.000 244.000000000000 |

| | 0.187 | DAILY TOTAL | RADIATION | 44MNN4444 | 0.185 | DAILY TOTAL | RADIATION | WUUUUUU4 \$0.0.\$0.0.\$0.0 \$0.0.\$0.0.\$0.00 | 0.183 | DAILY TOTAL | RADIATION | \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | | |
|---------|----------|-------------|-----------|--|----------|-------------|-----------|---|--------|-------------|-----------|--|----|---|
| | KD: | | ~ | 00000000 | KD: | | | 00000000 | KD: | | CI | 00000000 | | |
| ES | | | - | 00000000 | | | | | | | | 000000000000000000000000000000000000000 | | |
| MINUT | 83 | | 18 | 00000000 0000000 0000000 | 555 | | | | 939 | | 3.8 | 0.15 0.13 0.00 0.00 0.00 0.06 | | |
| 5 25 | 9.6 | | 17 | 00000000000000000000000000000000000000 | 0.5 | | 17 | HEDDODDOD | 0.5 | | 17 | 000000000000000000000000000000000000000 | | |
| EGREES | <u>.</u> | | 16 | 00000000 0000000 000000000000000000000 | <u>:</u> | | 16 | | Ë | | 16 | 00000000000000000000000000000000000000 | | |
| 43 DE | K | z | 15 | | Σ | _ | 2 | 00000000 00000000 00000000444 | Σ | ~ | ~ | 000000000 0000000000 00000000000000000 | | |
| TUDE | | IATION | 7 | | | IATION | 14 | 00000000000000000000000000000000000000 | | IATION | 14 | 00000000000000000000000000000000000000 | | |
| LATI | 0.20 | R RAD | 13 | 00000000 00000000 00000000 | 0.20 | R RAD | | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | 0.20 | RAD | 13 | 0.72200.72200.72200.72200.722 | | |
| 80 | ITY: 1 | SOLA | - | | ITY: (| SOLA | , | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | ITY: (| SOLA | 12 | 00.75 | | |
| | ECTIV. | OURLY | ~ | 00000000 0000000 00000000 00000000 | ECTIV | OURLY | 11 | | ECT IV | OURLY | 1 | 00.000 | | |
| END | REFL | Ĭ | 10 | | REFLI | Ĭ | Ĭ | Ĭ | | UNIOPOPOPO | REFLI | ž | 10 | 00000000 0000000 00000000 000000000000 |
| RTH B | | | 6 | 000000000 4444444 WW&&&WWW | | | | 00000000 00000000 000000000000000000 | | | 0 | | | |
| O X | 7 | | | 00000000 | 8 | | ∞ | 00000000 00000000000000000000000000000 | ικ) | | •0 | 24444WUWWU WMH0000000 | | |
| OCATION | 9.8 | | 7 | 1 00000000 | 11.2 | | ^ | 000000000000000000000000000000000000000 | 11.7 | | ~ | 00.000000000000000000000000000000000000 | | |
| 707 | . HO: | H | | | . 65 | Ŧ | • | 000000000000000000000000000000000000000 | . HO: | H | | 000000000000000000000000000000000000000 | | |
| | HORIZ | SOUTH | | | HORIZ | SOUT | | 000000000000000000000000000000000000000 | HORIZ | SOUTH | Ŋ | 000000000000000000000000000000000000000 | | |
| | 4 | TION: | | 00000000 | ĸ | TION: | | 00000000 | 9 | TION: | | 00000000 | | |
| | MONTH: | ORIENTAL | į | 111 10.00 25.00 35.00 40.00 60.00 | MONTH: | ORIENTA | j | 220.00 220.00 225.00 225.00 225.00 200 200 200 200 | MONTH: | ORIENTAL | i | 1111 0.0 10.0 20.00 35.00 46.00 50.00 | | |

| | 0.175 | DAILY TOTAL | RADIATION | \$\$\$\$\$\$\$\$ \$\frac{1}{2}\$\$\frac{1} | 0.177 | DAILY TOTAL | RADIATION | 10100000000000000000000000000000000000 | 0.179 | DAILY TOTAL | RADIATION | 4400000000 wro-innum 40000000000 |
|---------|--------|-------------|-----------|--|--------|-------------|-----------|--|--------|-------------|-----------|---|
| | χ Θ | | 20 | | KD: | | 20 | 00000000 | KĐ: | | 20 | 00000000 |
| res | | | 19 | | | | 19 | 00000000 | | | 19 | |
| MINUT | 92 | | 18 | | 92 | | 18 | 60000000 | 62 | | 18 | |
| 25 | 0.5 | | 17 | 000000000 000000000 000000000000000000 | 0.5 | | 17 | 0000000 | 0.5 | | 17 | 000000000000000000000000000000000000000 |
| GREES | | | 16 | | •• | | 16 | | •• | | 16 | |
| 43 DE | X | | - | 0000000 1 | X | | 15 | 00000000 000000000 1450004417 | X | | | 000000000000000000000000000000000000000 |
| ייטב | | ATION | 14 | 00.72 | | ATION | 14 | 00000000 | | ATION | 14 | 000000000000000000000000000000000000000 |
| LATIT | .20 | RADI | 13 | 0.73 0.73 0.73 0.73 0.73 0.73 | .20 | RADI | - | 00.75 00.75 00.75 00.75 00.75 00.75 | .20 | RADI | 13 | 00.72 |
| OR | TY: 0 | SULAR | ~ | 00000000000000000000000000000000000000 | TY: 0 | SOLAR | → | 00.75 00.75 00.79 00.79 00.79 00.79 | TY: 0 | SOLAR | 12 | 0.73 0.73 0.75 0.75 0.75 |
| | CTIVI | Alano | 11 | 0.75 0.79 0.79 0.73 0.73 0.73 | ECTIVI | HOURLY | 11 | | CTIVI | HOURLY | _ | 00.720 |
| END | REFLE | ¥ | 10 | | REFLE | ឣ | 10 | | REFLE | Ħ | 10 | |
| RTH BI | | | • | 00000000000000000000000000000000000000 | | | | 0000000 000000000 00000000000000000000 | | | 0 | 000000 |
| Ö | 01 | | | 244444 24444 24444 2444 2444 2444 2444 | | | •• | 00000000000000000000000000000000000000 | | | •• | 000000000000000000000000000000000000000 |
| OCATION | 11.22 | | 7 | 00000000000000000000000000000000000000 | 9.78 | | 7 | | 7.72 | | 7 | 112222211 |
| 1001 | . H0: | Ξ | 9 | 0.112 0.122 0.00 0.00 0.00 0.00 0.00 | H | Ξ | • | 000000 000000 000000000000000000000000 | H0: | ,æ | | |
| | HORIZ | SOUTH | | 000000000000000000000000000000000000000 | HORIZ | SOUTH | | 00000000 | HORIZ. | SOUT | 'n | 000000000 |
| | 7 | : K0IJ | | 00000000 | •0 | : NOI | | 00000000 | • | :NOI | | |
| | MONTH: | ORIENTAT | | 25.00 25.00 25.00 25.00 25.00 25.00 26.00 | MONTH: | ORIENTAT | - | 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | MONTH: | ORIENTAT | ; | 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 |

| | 0.187 | DAILY TOTAL | RADIATION | 22222222222222222222222222222222222222 | | DAILY TOTAL | RADIATION | 22.02.34.02.34.02.34.03.03.03.03.03.03.03.03.03.03.03.03.03. | 0.182 | DAILY TOTAL | RADIATION | 22.103.44.38.0 22.103.44.38.0 22.003.44.00 |
|-------|--------|-------------|-----------|--|----------------------|-------------|-----------|--|--------|-------------|-----------|--|
| | KD: | | 20 | 0000000 | | | 20 | 99999999 | KD: | | 20 | 000000000 |
| TES | | | 19 | 0000000 | | | 19 | | | | 19 | |
| MINUT | 505 | | - | 0000000 | 6. 63. 7. | | 18 | | 376 | | 18 | 00000000 |
| \$ 25 | 9 | | | 000000000000000000000000000000000000000 | | | 17 | | 9 | | 17 | 00000000 |
| CAEE | -: | | 16 | 0.11980.000 | 10 | | 16 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | - | | 16 | |
| 43 D | × | * | 15 | 0.35 | . w | z | 15 | | × | Z | 15 | 0000115 |
| TUDE | | IATIO | 14 | | ບໍ່າບໍ | IATIO | 14 | | | IATIOI | 14 | |
| LATI | 0.20 | R RAD | | 244.00000000000000000000000000000000000 | . 65 | RRAD | 13 | UMM44444 | 0.20 | R RAD | 13 | พิพิพิพิพิพิพิพิ |
| S. | ITY: | SOLA | 12 | 2000000 40000000 4000000000000000000000 | | SOLA | 12 | | ITY: | SOLA | 12 | |
| | ECTIV | OURLY | 11 | | | OURLY | | | ECTIV | OURLY | 11 | |
| END | REFL | Ī | | 0000000 8444 600000000000000000000000000 | . 52 . 52 . FE | 9 H | | 0.22 0.33 0.33 0.38 0.59 | REFL | Ī | | 000000 000000 000000000000000000000000 |
| RTH B | | | | 00.35 | ? P. | | | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | | | 6 | |
| Ž | ∞ | | • | | 10. | | •• | 0.04 0.05 0.08 0.08 0.09 0.09 | 6 | | *0 | 00000000000000000000000000000000000000 |
| ATION | 5.5 | | | 000000000000000000000000000000000000000 | | | 7 | 000000000 | 3.1 | | 7 | 00000000 |
| 201 | . HO: | 1H | 9 | 0000000 | . · · | Ħ | ¥ | | . HO: | Ŧ | 9 | 00000000 |
| | HORIZ | SOUTI | 5 | 0000000 | • • • | SOUTI | 1 | 000000000 | HORIZ | SOUTH | 2 | 000000000 |
| | 3.0 | TION: | 4 | 00000000 | • • | LION: | 4 | 00000000 | 12 | TION: | 5 | 00000000 |
| | MCN1H: | CRIENTAL | _ | 10.00 25.00 35.00 455.00 | | ORIENTAT | - | 200 200 300 300 500 600 600 600 | MONTH: | ORIENTAL | _ | 220.00 25.00 25.00 25.00 60.00 |

| | 0.180 | DAILY TOTAL | RADIATION | 11.30 11.55 11.72 11.72 11.72 | 0.182 | DAILY TOTAL | RADIATION | 10000000000000000000000000000000000000 | 0.185 | DAILY TOTAL | RADIATION | NUMUNUMUNU Cinesocces ComodesonC |
|-----------|----------|-------------|-----------|--|----------|-------------|-----------|---|--------|-------------|-----------|--|
| | KÖ: | | 20 | 00000000 | KO: | | | 00000000 | ΚĐ | | | |
| TES | | | 13 | 000000000 | | | 19 | 00000000 | | | 19 | 000000000 |
| MINUT | 316 | | 13 | | 364 | | 18 | | 441 | | 18 | |
| 5 41 | | | 17 | 60000000 | | | 17 | | 6 | | 17 | 00111110 |
| DEGREE | : | | 16 | | Ë | | 16 | 00.00 | Ë | | 91 | |
| 45 DI | ¥ | ~ | 15 | | ¥ | - | 15 | 00000000 00000000 00000000000000000000 | Σ | - | 15 | 00000000000000000000000000000000000000 |
| TUDE | | IATION | 14 | 000000000 11122222222 11122222222 | | ATION | | 48000000000000000000000000000000000000 | | IATION | | 00000000000000000000000000000000000000 |
| LATI | 0.20 | R RAD | 13 | 000000000000000000000000000000000000000 | 1.20 | RADI | 13 | 00000000000000000000000000000000000000 | 02.1 | RAD | 13 | |
| OR. | ITY: (| SOLAF | _ | 00000000000000000000000000000000000000 | TY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | - | |
| | ECTIV | OURLY | 77 | 000000000000000000000000000000000000000 | ECTIVITY | OURLY | 11 | | ECTIVI | URLY | 11 | |
| NO | REFL | Ĭ | 10 | 00000000000000000000000000000000000000 | REFL | ¥ | 10 | | REFLE | H | 10 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| ENDL ET (| | | 6 | 00.000000000000000000000000000000000000 | | | σ | 0000000 0000000 00000000 00000000 | | | 6 | 0.33 0.35 0.35 0.37 0.37 0.37 0.37 |
| PE | .9. | | •0 | 00000000000000000000000000000000000000 | ~ | | 60 | 00.112 | | | • | 000000000000000000000000000000000000000 |
| OCATION | 3.4 | | ~ | 000000000 | 5.33 | | 7 | 10.00.00 | 7.46 | | 7 | 0.0000000000000000000000000000000000000 |
| 1001 | . HO: | E | | 00000000 | . HO: | H | 9 | | . HO: | Ξ | 9 | |
| | HORIZ | SOUTI | Ŋ | | HORIZ | SOUTH | 2 | | HORIZ | SOUTI | S | 000000000 |
| | - | :NOI. | | | ~ | :NOI | J | 000000000 | m | : NOI | J | |
| | MONTH: | ORIENTATI | ; | 1161 1000 2000 3000 4000 6000 | MONTH: | ORIENTAT | | 200 200 200 200 300 400 600 600 600 600 600 | MONTH: | ORIENTAT | ; | 10.00 20.00 30.00 35.00 45.00 60.00 |

| | 0.187 | DAILY TOTAL | RADIATION | 445555544 76000074 4675555 | 0.182 | DAILY TOTAL | RADIATION | \$00000004 0111000000 0000000000 | 0.177 | DAILY TOTAL | RADIATION | 66666666666666666666666666666666666666 | | | |
|----------|--------|-------------|-----------|---|--|-------------|-----------|---|--------|-------------|-----------|--|--------|-----|----------|
| | ΚĐ | | 2 | 00000000 | KÖ: | | 20 | 00000000 | Š | | 20 | 00000000 | | | |
| ES | | | 19 | | | | 19 | 0000000 | | | 19 | | | | |
| MINUT | 681 | | 18 | : | 543 | | 18 | 0.113 | 111 | | 18 | | | | |
| 5 41 | 4.0 | | 17 | 00.000 | 0.5 | | 17 | 00000000 0000000 000000000 00000000000 | 0.5 | | 17 | | | | |
| EGREES | Ë | | 16 | | | | 16 | 0000000 4444 444 444 444 444 444 444 44 | Ë | | 16 | 00000000 4444444 64644444 | | | |
| 45 D | ¥ | 2 | 15 | 00000000 444444444 | ~ | 2 | 15 | 0000000 0000000 00000000 000000000 000000 | `₩ | z | 15 | 00000000 0000000 000000000000000000000 | | | |
| TUDE | | IATIO | 14 | | | IATIO | 14 | 0000000 00000000000000000000000000000 | | IATIO | 14 | | | | |
| LATI | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | 0 | 0.20 | R RADI | 13 | | | | |
| 80 | ITY: | SOLA | 12 | 00000000 | ITY: | SOLA | 12 | 60000000 | ITY: | SOLA | 12 | | | | |
| | ECTIV | DURLY | 11 | 00000000 | 6.000000000000000000000000000000000000 | IOURLY | OURLY | OURLY | IOURLY | 11 | 00000000 | ECTIV | HOURLY | 1.1 | 00000000 |
| NO | REFL | I | 10 | 00000000 | REFL | = | - | 00000000 | REFL | | 7 | 00000000 | | | |
| ENDLETON | | | • | 1 | | | 6 | | | | 6 | | | | |
| ٠. | 88 | | | | 17 | | | ~~u~u~u~u~u~u~u~u~u~u~u~u~u~u~u~u~u~u~ | 72 | | •0 | 2067-9440-9 000000000 | | | |
| OCATION | . 9. | | | | : 11. | | 7 | | : 11. | | 7 | | | | |
| 2 | Z. HO | SOUTH | | 00000000 | Z. HO | SOUTH | | | Z. HO | NUTH | | 4 W W W W W W W W W W W W W W W W W W W | | | |
| | HORIZ | | | 00000000 | HORIZ | | | | HORIZ | S | | | | | |
| | • | ATION: | | | 'n | ATION: | • | | • | ATION: | | | | | |
| | MONTH: | ORIENTA | ; | 1111 20.00 325.00 46.00 60.00 | MONTH: | ORIENTA | ; | 8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | MONTH: | ORIENT! | | 11.1 0.0 10.00 25.00 35.00 55.00 60.00 | | | |

| | .155 | TOTAL | TION | 6 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | .160 | TOTAL | TION | 03/30/20/20/20/20/20/20/20/20/20/20/20/20/20 | .165 | TOTAL | TION | 9110897193 \$113897193 |
|------------|---------|---|-------|---|--------|--|-------|---|---------|------------------------------|-------|---|
| | • | DAILY | RADIA | | 0 | DAILY | RADIA | တ်တ်တ်တ်တ်တ်တ် | 0 | DAILY | RADIA | <u> </u> |
| | ξÔ | | | 00000000 | Ë | | ~ | 000000000 | KD: | | 20 | 000000000 |
| lES | | | 19 | | | | _ | 00000000 | | | 19 | 00000000 |
| MINUT | 92 | | 18 | | 54 | | 18 | 00000000000000000000000000000000000000 | 37 | | 18 | |
| 41 | 9.0 | | 17 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 9.0 | | 17 | | 9.0 | | 17 | |
| GREES | | | 16 | 1 000000000000000000000000000000000000 | | | 16 | | •• | | 16 | • • • • • • • • |
| 45 DE | K | | 15 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | K | | 15 | 0000000 000000 0000000 000000000000000 | K | | 15 | เลงเทาแบบเทย |
| TUDE | | A 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | ATION | 14 | 00.77 00.77 00.78 00.78 00.78 00.73 | ATION | 10 | - | 0.73 0.73 0.73 0.73 | | |
| LATIT | .20 | RADI | 13 | | .20 | RADI | 13 | | .20 | RADI | | 00.000.00.00.00.00.00.00.00.00.00.00.00 |
| 9.0 9.0 | TY: 0 | SOLAR | 7 | 000000000000000000000000000000000000 | TY: 0 | SOLAR | | 00000000000000000000000000000000000000 | 17: 0 | SOLAR | ~ | 00.00 00 |
| | LECTIVI | JURLY | 11 | 00000000000000000000000000000000000000 | CTIVI | HOURLY | 11 | | CTIVI | URLY | 17 | 00.32 |
| Z | REFLE | H | 10 | D D O D D D D D D D D D D D D D D D D | REFLE | H | 0 | 0.74 0.74 0.78 0.78 0.78 0.78 0.75 | REFLE | HON | ~ | 0.73 0.73 0.73 0.73 |
| ENDLETON | | | • | 000000 00000 00000 00000 00000 00000 | | | Φ. | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | | | | 44.00000000000000000000000000000000000 |
| PE | | | •• | 00000000000000000000000000000000000000 | • | | •0 | 0000000 44444444 144444444 | _ | | | |
| LOCATION | 11.17 | | 7 | 000000000000000000000000000000000000000 | 9.62 | | | 00.00000000000000000000000000000000000 | 7.44 | | 7 | 00000000 |
| 1001 | . но: | E | 9 | 000000000000000000000000000000000000000 | . HO: | Ξ | \$ | 700000 700000 700000 700000 | HO: | ≖ | | 00000000 |
| | HORIZ | SOUT | 5 | | HORIZ | SOUTH | | | HORIZ | SOUTH | | 000000000 |
| | ~ | TION: | 4 | 00000000 | •• | TION: | | | • | ATION: | | |
| | MONTH: | ORIENTA | ; | 11 1 1 1 1 1 1 1 1 1 | MONTH: | ORIENTA | | 10.00 20.00 30.00 35.00 55.00 60.00 | MONTH: | ORIENTAI | ; | 40.00 50.00 50.00 50.00 60.00 60.00 |

| | 0.181 | DAILY TOTAL | RADIATION | 08844444 888018488 9801010149 | 0.183 | DAILY TOTAL | RADIATION | 20222222 2022222 20222222 | 0.180 | DAILY TOTAL | RADIATION | 11.559 12.559 12.559 12.559 13.559 15 |
|----------|-----------|-------------|-----------|---|-----------|-------------|-----------|--|-----------|-------------|------------|--|
| | KD: | | | 000000000 | KD: | | 20 | 00000000 | KD: | | 20 | 00000000 |
| TES | | | 19 | | | | 19 | | | | 19 | 00000000 |
| MINUTES | 549 | | 18 | | 401 | | 18 | | 330 | | ~ | 000000000 |
| 5 41 | Ö | | 17 | | | | 17 | | | | 17 | 00000000 |
| DEGREES | Ë | | 16 | 2330000000 | | | 16 | | <u>:-</u> | | 9 | |
| 45 0 | * | * | 15 | 00000000 0000000 0000000 00000000 | ¥ | z | 15 | 0.11 | ~ | z | 15 | 000000000000000000000000000000000000000 |
| ITUDE | | IATIOI | 14 | DODDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD | | ATIO | | 000000000000000000000000000000000000000 | | ATIO | 14 | 000000000000000000000000000000000000000 |
| LATI | 0.20 | R RAD | 13 | | 0.20 | RRADI | 13 | 0000000 000000 0000000 000000000 000000 | 0.50 | R RADI | 13 | 00000000000000000000000000000000000000 |
| 9,8 | 17: | SOLA | | 00.00 00.00 00.00 00.00 00.00 00.00 | •• | SOLA | - | 00000000 0000000 000044 | ITY: | SOLAI | 12 | 000000000000000000000000000000000000000 |
| | EFLECTIVI | OURLY | 11 | | LECTIVITY | HOURLY | | 00000000 0000000 00000000 40000000000 | ECTIV | OURLY | 11 | 000000000000000000000000000000000000000 |
| × | REFL | ī | 10 | 00000000 WAANINININI VW&= WININININ | REFL | Ī | _ | 00000000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | REFL | Ī | 10 | 000000000000000000000000000000000000000 |
| ENDLETON | | | 6 | 000000000000000000000000000000000000000 | | | 6 | 000000 000000 0000000 0000000 | | | • | 000000000000000000000000000000000000000 |
| PE | _ | | •0 | 000000000000000000000000000000000000000 | • | | •0 | 00000000 0000000 0000000 | | | 6 0 | 00000000 |
| LOCATION | 5.5 | | 7 | 000000000000000000000000000000000000000 | W.A. | | 7 | 00000000 | 2.8 | | | 00000000 |
| 707 | . но: | H H | 9 | 00000000 | HO: | Ħ | 9 | | . НО: | Ħ | 9 | 00000000 |
| | HORIZ | SOUTH | | | HO :IZ | SOUTH | 'n | | HORIZ | SOUTI | ī | |
| | 10 | TION: | | 00000000 | 11 | ATION: | * | | 12 | ATION: | | |
| | MONTH: | ORIENTA | | 4111 10.00 220.00 30.00 450.00 60.00 | MONTH: | ORIENTA | | 110 100 100 100 100 100 100 100 100 100 | MONTH: | ORIENTA | | 4111 10.00 225.00 30.00 45.00 40.00 |

| | 0.125 | SAILY TOTAL | RADIATION | 0.98 | 1.21 | 1.41 | 1.50 | 1.58 | 1.65 | 1.71 | 1.80 | 1.84 | |
|------------|--------------------|------------------------|-----------|------|---------|--------|---------------|-------|-------|-------|---------|-------|--|
| | KĎ: | | 20 | 0.0 | o. o | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | o. 0 | 0.0 | |
| TES | | | 19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 36 MINUTES | 0.230 | | 18 | 0. | D . | 0 | 0.0 | 0.0 | 0. | 0 | ں 0 | 0.0 | |
| | 0 | | 17 | 0.0 | o 0 | ပ ပ | 0.0 | | 0 | 0.0 | 0.0 | 0.0 | |
| GREE | <u>:</u> | | _ | 0.02 | • | 0.03 | ٠ | 0.04 | 9°64 | 0.04 | 0.05 | 0.05 | |
| 45 DEGREES | KT: | _ | | 0.08 | 7 | ヿ゙ | 1 | 0.14 | ~ | 7 | 7 | ~: | |
| LATITUDE | | LATION | | 0.13 | 0.16 | 0.19 | 0.50 | 0.21 | 0.22 | 0.23 | 0.24 | 0.25 | |
| LATII | 02. | RADI | | 0 | 0.50 | 0.23 | 0.25 | 0.26 | 0.27 | 0.28 | 0.29 | 0.30 | |
| 90 | REFLECTIVITY: 0.20 | HOURLY SOLAR RADIATION | 12 | 0.18 | 0.25 | 0.25 | 0.26 | 0.27 | 0.23 | 0.30 | 0.31 | 0.31 | |
| | ECTIV] | YURLY | | 0.17 | 0.50 | • | • | 0.26 | • | • | • | 0.30 | |
| _ | REFLE | ¥ | 10 | 0.13 | 0.16 | 0.19 | 0.20 | 0.21 | 0.22 | 0.23 | 0.24 | 0.25 | |
| PORTLAND | | | 6 | 0.08 | 0.10 | 0.12 | 0.13 | 0.14 | 0.15 | 0.15 | 0.16 | 0.17 | |
| | _ | | •0 | 0.02 | | | | | | | | 0.05 | |
| LOCATION | HO: 3.49 | | 7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 1001 | PH | <u>z</u> | ø | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | HORIZ. | SOUTH | S | 0.0 | 0.0 | | | | | | | 0.0 | |
| | - | T 10N: | • | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | |
| | MONTH: | ORIENTATION: | ; | 0.0 | 10.00 | 20.00 | 25.00 | 36.00 | 35.00 | 40.00 | 50.00 | 60.00 | |

| 0.180 | DAILY TOTAL | RADIATION | 222222222222222222222222222222222222222 |
|--------------------|------------------------|-----------|---|
| KD: | | 20 | 00000000 |
| | | 19 | 00000000 |
| 0.328 | | 18 | |
| 0 | | 17 | |
| <u>:</u> | | 16 | |
| KT: | _ | 15 | 00.55 00.55 00.55 00.55 00.55 00.55 00.55 00.55 00.55 |
| | ATION | _ | 00000000000000000000000000000000000000 |
| 1.20 | RADI | _ | 00.00 00 |
| REFLECTIVITY: 0.20 | HOURLY SOLAR RADIATION | p-4 | 00000000000000000000000000000000000000 |
| CTIVI | URLY | _ | 00000000000000000000000000000000000000 |
| REFLE | H | 10 | 222222222222222222222222222222222222222 |
| | | | 00.118 |
| | | | 00000000000000000000000000000000000000 |
| 5.33 | | 7 | |
| H0: | Ξ | | |
| HORIZ. HO: | SOUTH | Ŋ | |
| ~ | TION: | • | 000000000 |
| MONTH: | ORIENTATIOM: | , | 660 600 600 600 600 600 600 600 600 |

| 0.182 Daily total | RADIATION | 28888888888888888888888888888888888888 |
|--|-----------|--|
| Ë. | 20 | |
| | - | |
| 78 | 18 | |
| 0.378 | | |
| | 16 | 000000000000000000000000000000000000000 |
| Κ <u>Τ</u> :: | _ | |
| ATION | 14 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| .20 Raēi | 13 | 000000000000000000000000000000000000000 |
| REFLECTIVITY: 0.20 HOURLY SOLAP RADIATION | 12 | CO000000000000000000000000000000000000 |
| CTIVI | 11 | 000000000000000000000000000000000000000 |
| REFLE HO | 10 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| | ٥ | 2000000 |
| | | 00.20 |
| 7.47 | | BBBBCCCCC |
| 9 | ø | |
| HORIZ. HO: South | ١ | 00000000 |
| | 4 | |
| MONTH: 3 | | 220 220 220 220 20 20 20 20 20 20 20 20 |

| | 0.184 | DAILY TOTAL | RADIATION | | 'n | M, I | ? # | ? " | 4.33 | . | •0 | 0.186 | DAILY TOTAL | RADIATION | • | NM | M | 'n. | -0 | ٥. | 4.51 | 0.187 | DAILY TOTAL | RADIATION | 5.59 | ni a | 17 | vie | | Ņ |
|----------|----------|-------------|-----------|-------|-----|------|----------|--------------|----------|------------------|------------|----------|-------------|-----------|---------|---------|--------|----------|----------------|-------|------------------|----------|-------------|-----------|------------------|-------------|------|-----|-------------|----------|
| | KD: | | 20 | | • | • | ٠ | ٠ | | • • | • | \$ | | 20 | į | | | • | | ٠ | 90 | ĸÖ | | 20 | 0.0 | • | | • | • • | • |
| ES | | | 19 | ٠ ً ا | • | • | • | ٠ | | | • | | | 19 | ! • | 9.6 | 9 | 9. | . . | 0. | 0.02 | | | 19 | | ٠. د | 0 | 0,6 | | ₽. |
| MINUT | 126 | | 28 | e. | • | 0. | = • | - | | 0 | . | 691 | | 18 | ! | | • | • | . . | 9. | 0.05 | 111 | | 18 | 0.14 | <u>-;</u> - | : -: | 0.0 | | Ö. |
| 5 36 | 9.0 | | 17 | ļ ~ | ~ | · | ∹• | <u>-</u> ; - | | : - : | 7 | 6 | | 17 | 1 | 'nν | ivi | çi | isi | 7 | 0.16 0.14 | 4.0 | | 17 | | in | | in | ٠ <u></u> - | |
| DEGREES | <u>.</u> | | 9 | | 3 | S | ÿ | ÿr | 30 | | S. | <u>:</u> | | 16 |) I | W. M |) P) | w. i | J.W. | M | 0.29 | <u>:</u> | | 9 1 | 0.38 0.38 | io w | , M | 10 | . w. | Ņ |
| 45 0 | K | z | 21 | | m | ٠. | 5 | 3 P | 70.00 | 'n | n | ₩ | z | 15 | 1 | ক ব | | 4 | • | 3 | 0.41 | Σ | z | 15 | • | 4.4 | • | | | M) |
| ITUDE | | IATIO | 14 | 0.45 | 4 | 3 | • | * ` | | * | 4 | | IATIO | | 1 | ų. | Ų | Ŋ. | Ų, PL | 41 | 0.51 | | IATIO | | 0.56 | بن | , 10 | , | , N | 4 |
| LATI | 0.20 | RAD | 2 | 65.0 | ₹. | ι, | ů. | ٠ | Ů ħ | , w | 4. | 0.20 | R RAD | 13 | Ľ | ri 4 | 9 | 9 | 9 | 9 | 0.57 | 0.20 | R RAD | 13 | | 94 | 9 | 9 | 9 | 'n |
| S. | JTY: | SOLA | | 0.5 | 0.5 | 0.5 | 0.0 | | = c | , 0 | 0.5 | ITY: | SOLA | 12 | | 9.4 | 9.0 | 9.0 | 0.0 | 9.0 | 0.59 | ITY: | S01A | ~ | 0.63 | 9.0 | 9 | 9.0 | 90 | 9 |
| | ECTIV | HOURLY | 11 | 9 | 0.5 | 0.5 | 0 |) i | ے د س | , 6 | 9 . | ECTIV | HOURLY | 11 | 1 1 | 60 c | 9 | 9.0 | 9.9 | 9.0 | 0.5 | ECTIV | OURLY | 11 | 00 | 9.0 | 9 | 9.0 | 50 | 6 |
| 9 | *EFL | - I | 1 | . 3 | * | 4.0 | 9. | D | | | 9.0 | REFL | T | 10 | 1 | ۵. س | האני | O | ט ה ט ה | 5 | 0.51 | REFL | I | | 8 0 .56 0 .58 | O C | | 9 | | 0 |
| ORTLAN | | | • | N 0 | 0.3 | 4.0 | 4 | 5 P | | | 0.3 | | | | 1 | 4 4 | | 9.0 | # v | 4.0 | 9 0.41 6 0.38 | | | • | 4 | 9.0 | | 4. | * v > 0 | m. |
| Δ. | 69 | | | 10 | 0.2 | 0.2 | 9.5 | 2.0 |) c | . 6 | 0.5 | 21 | | •0 | !!!! | m r | | 0 | 9 6 | 0.3 | 6 0 4 0 .2.2 | 72 | | •• | 90 9 | 0 |) K | | 0 m | 0.5 |
| CATION | . 9. | | | | | 0.1 | | 7.0 | | | 0.1 | . 11 | | 7 | 1 | 000 | 9 0 | 0.5 | 200 | 0.1 | 50.10 | : 11.7 | | | INN | o e | | 121 | 7.0 | 0.1 |
| 707 | Z. H0 | ООТН | | 0.0 | 0 | 0.0 | 0 | 5 | 9 0 | 0 | 0.0 | Z. HO | SOUTH | | 1 1 1 1 | 2007 | 2 0 .1 | 2 0.0 | 0.0 | 2 0.0 | 2000 | Z. HO | OUTH | | 4 0 .1 | | | 9 | 9 G | 2 0.0 |
| | HORIZ | S | | 0 | 6 | 6 | 9 | 6 | 9 6 | | 0 | HORIZ | 80 | | 1 | | · - | 6 | e e | 6 | 90 | HORIZ | 80 | | 00 | 0 | | | 50 | . |
| | • | ATION: | | 0 | | | • | ٠ | | | • | s | TIONS | | 1 | ٠ | | • | ٠ | | 90 | • | TIONS | | 00 | | • | | • • | • |
| | MONTH: | ORIENTA | ; | 1711 | 0 | 0.0 | 9 | 0.0 | ٠ د | | 0.0 | MONTH: | ORIENTA | į | · | 0,0 | | 5.0 | 0 r | 0.0 | 50.00 | MONTH: | ORIENTA | ; | - 0 C | 0.0 |) C | .0. | | 0.0 |

| | .177 | OTA | TON | | o in | | | | | | | 181 | TOTA | NCIL | | | | | | | 9 P | 186 | TOTAL | TION | 200 | | | |
|----------|---------|---------|--------|-------|-------------------|------|------|------------|---|--------------|---|------------|---------|-------|-----|-------------|-------|-------------|------------|-----|---------------------|---------|---------|--------|--------------|-----------------|------------|------|
| | 6 | DAILY T | RADIAT | • | e •e | | • | • | | • • | i | 0 | DAILY | RADIA | | • • | | • | | • | n 4 | • | DAILY | RADIAT | waa. ooni | | | • |
| | KD: | | CJ | 0.0 | | | • | • | • | • • | | 2 | | 20 | į i | • | • | • | | | 90 | KD: | | ~ | 0000 | | | |
| ES | | | 19 | | | 0 | 9 | 9 | 90 | 0 | | | | 13 | ì | • | • | • | • - | • | 00 | | | | 000 | | | • |
| MINUTE | 7.5 | | | : -: | | | 2 | | = | | | 6 0 | | 18 | ! 9 | > 0 | 0 | | | 6 | 6.03 6.03 | 15 | | | 0000 | | 00 | |
| 36 | 9.5 | | 17 | | 'nй | 2 | Ġ | ņ | > - | : –: | | 6 | | 17 | ; (| ,, | i () | ∹. | | 7 | 0.16 | 0.5 | | - | | | : -: -: | : =: |
| DEGREES | | | 16 | 5 | e m | 45 | .42 | 6 | 36 | 31. | | | | 16 | 1 4 | O 90 | 9 | 97 | 35 | .35 | 0.33 | | | 9 | 8.366 | 286 | 200 | .27 |
| 45 DE | X | | 15 | 1 25 | | | .57 | 9 | د د | 9. | | X | | E) | 1 | 0 6 | .52 | , , , | | .5 | . 4. 2. 5. | X | | 1.5 | 5000 | , 4, 4 0 W 4 | 3 3 | . 5 |
| TUDE | | 11 I ON | 14 | .66 | 70 | 6 | 69. | 9 | \ | , v. | | | 17 I ON | 14 | 1 | V -6 | 63 | | 7 5 0 4 | .63 | .57 0 | | TION | 14 | | | 10.10 | 3.4 |
| ATITU | 0.7 | RADIA | 13 | | 9/. | 77 | .77 | 9/ | ?. | 9 | | 20 | RADIA | 13 | 1 , | * ** | .73 | 75 | 75. | .71 | .63 | 20 | RADIA | 13 | | 200.4 | 44 | 29. |
| 1 30 | TY: 0. | OLAR | 12 | | 0 K | 80 | en : | 5 e | 2,0 | 6 | | ≺: | SOLAR | 12 | | 0 | 74 | * i | | 74 | .68 0 | ۲: 0. | OLAR | 12 | | 5.5 | 25 | .65 |
| J | ΙΛΙ | RLY S | 11 | | 9/. | 77. | 17. | 9/. | ?? | . 66 | | TIVIT | RLY S | 11 | | * ec | 7. | 7 | 77. | .71 | | TIVIT | RLY S | 11 | | 2 2 2 2 | 4 | . 62 |
| | REFLECT | HOUR | 10 | ٠٠٠ ا | £ 6. | 70 | 69 | 9 | - H | 1 40 2 40 | | EFLEC | HOUR | 10 | | ٥ د د | .63 | \$ | 7 V | .63 | .61 0 | EFLEC | HOURL | 10 | | i U a k | 10.0 | .54 |
| LAND | • | | • | . 56 | , . , . , . | | .57 | 56. | ن. در س | 9 | | ₩ | | • | - | , r. | .52 | 20. | , . , . | .5 | . 45 0 0 0 | œ | | • | 0 62. | 7 17 4 | 44 | . 55 |
| PORT | | | | | • • | 42 | . 42 | 9, | 2.5 | 31. | | | | | ١. | 0 Y | 36 | 9; | 900 | 35 | 30 0 | | | | 22.00 25.00 | ~ eo ec | 2 62 C | 27 |
| Ne I | 1.17 | | ٠. | 29 | | 50 | C) | ب در در | 70 | 18 | | 9.65 | | _ | 1 | 9 C | 20 | 6. | 2 00 | 87 | . 16 0 . 14 0 | 7.45 | | ~ | 001. | === | :== | 101 |
| LOCATION | HO: 1 | | | 1 31 | | 10 | 60 | | > | 5 | | | | | 1: | 9 4 5 6 | 5 | 50 | 3 C | 50 | . 0 X 0 | : 9 | | 9 | 0000 | 900 | 000 | |
| | HOR12. | SOUTH | | | . e | 8 | زن | 20. | > C | .02 | | HORIZ. | SOUTH | 5 | - | > | - | 0, | . o | 0 | e e | HOR 12. | SOUTH | Ŋ | | 900 | 999 | . e. |
| | | ¥ | | 6. | | , c. | 0. | 0.1 | P. 0 | 9 | | | : NO | ÷ | | P, e, | | 0,6 | ? O | 0 | 00 | | : NO | • | 000 | | | |
| | | TATIO | | • | . | . 0 | 0 | 0 (| <i>-</i> - | • | | | ATI | | • | - C | 0 | 0 (| 9 6 | 0 | 0 0 | | 1 | | 6000 | > 6 6 | | • |
| | MONTH | ORIENT | ; | 9.0 | • | 5.0 | 0.0 | S . 0 | | | | MONTH | ORIENT | | _ | 9 C | 0.0 | , G | 9 G | 0 | 50.00 | MONTH | ORIENTA | ; | 20.00 | | 900 | .0 |

| | 0.38 | 11Y 701 | ADIATION | ina | • | P. T. | N, | ימי ימי ימי | ? | 0.18 | DAILY TOT | ADIATION | C | • | 7 | ` " | 6 | • • | 2.15 | 1.12 | DAILY TOT | ADIATIO | ###################################### |
|------------|----------|--------------|-----------------|---------|-----------------|------------|--------|-------------------|--------------|------------|-------------|----------|------------|------------|-----|----------------|------|------------|----------------|--------|-------------|---------------|--|
| | K0: | DAI | e | | • | 9 e | • | . | Þ | | ă | X | | | | | | | • | KD: | ă | ~ | |
| | | | 2 | | | | | | | | | (4) | | | | | | | 9 9 | | | N | 000000000 |
| MINUTES | | | 19 | | | • | | 900 | • | | | 19 | į | | • | • | | • | | | | 19 | |
| | 436 | | 18 | | • • | • | • | | • | 353 | | 18 | 1 | | • | • | | ٠ | 9 0 | 291 | | 7.8 | 00000000 |
| 38 | | | 17 | 9.5 | • | 5 6 | 0. | 10.0 | • | 6 | | 17 | ١. | • • | . • | • | • | . • | 9.0 | | | | 00000000 |
| DEGREES | | | 16 | ! ~- | • | | - | 0.17 | - | •• | | | ! • | • | 0 | | • | 0, | 0.00 | | | 91 | |
| 45 DE | K | | 15 | I CJ C | e e e | iiv | ! '? ' | 0.32 | ? | X | | 15 | ; - | 7.7 | - | -:- | : ~: | ~;~ | 0.19 | X | | 5 | 0000000 0000000 00000000 |
| TITUDE | | ADI A I I ON | 14 | i cin | | M 4 | | 9.4 | ₹. | | ATION | 14 | ! - | • ~ | 1 | No | . 67 | ä | | | IATION | • | 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |
| LATIT | .26 | ~ | 13 | 1 30 50 | | • | * | 96.50 | • | .20 | RADI | 13 | ; (| 'n | C) | , N, K | 'n | w, · | 0.35 | 02. | RAD | 14 | 10000000 10000000 10000000000000000000 |
| S. | 1Y: 0 | SOLAR | 12 | 1 20 4 | . 4 | 4 | | 0.52 | ? | 1Y: 0 | SOLAR | 12 | ! 6 | i | 1 | ۳, « | m | w. | 9.37 | 17: 0 | SOLAR | -1 | |
| | CTIVI | HOURLY | 11 | 4 | . a. | 4.4 | | . 4 | • | FLECTIVITY | HOURLY | 11 | 1 6 | in | N | 'n | 'n | M, I | 0.35 | ECTIVI | HOURLY | = | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| | REFLECTI | 0.1 | | 100 | , | | | 24. | • | REFLE | 2 | 10 | ! " | 7.6 | 2 | 'n٠ | į | ٠i | 0.29 | REFLE | H | 07 | |
| TLAND | | | • | 1 4, | ivi | in | | 0.32 | r. | | | • | ! - | | - | - - | : = | - : | 0.19 | | | • | 98900000 |
| PORT | | | •• | | : -: | | : –; | 17 | ₹. | | | • | • | 9 0 | 0 | 0 0 | | 0 | 6.63 | | | _ | |
| LOCA : ION | 5.23 | | ~ | 5 | 50. | 55 | 5 | 100 | . | 3.46 | | 1 | - | . 4 | | 9.6 | - | • | | 2.82 | | ~ | 00000000 |
| LOCA | .: | I | • | • | • • | • | | | • | : 9 | T | ٠ | • | • | • • | • | | • | P. D. | #O# | I | _ | |
| | HORIZ. | 5091 | 'n | | | • | • • | | • | HORIZ. | SOUTH | 1 | i | | • • | • | ٠. | | > - | HORIZ. | SOUTH | Ŋ | |
| | 10 1 | : NOI | | | | • | | 90 | • | 11 | TON: | | 1 | • | • • | • | | • | 90 | 12 | 10N: | | |
| | MONTH: | ORIENTATION | | 50.0 | 90 | ٠. د | 9 | | e. | MONTH: | ORIENTATION | | J | P | | 9.0 | | 0 | 60.00 60.00 | MONTH: | ORLENTATION | i | 60000000000000000000000000000000000000 |

| | 184 | LY 101A1 | DIATION | 2 | . ~ . | 7.4 | 2 | 2.77 | ro. | 0.185 | LY T07AL | DIATION | | • - | i | 7.5 | * | 3.51 | ; | 8 · 188 | LY TOTAL | ADIATION | WARAAA CO WANNU WO WAMAA | i, ii |
|----------|--------------|----------|-----------|-------------------|-------|-----|----------|------|----------|----------|-----------|----------|------|-----|-----|------------|----|--------------|---|----------|-------------|----------|---|-------|
| | | DAI | R | | | | | | | •• | DAI | a a | | | | | | | | •• | DAIL | RA | | |
| | \\\ ¥ | | N | 90 | | | • | | • | 5 | | 28 | | • | • | | • | 00 | 1 | 2 | | | 0000000 | |
| ITES | | | | 96 | | | • | | • | | | | 0 | • | • | | | | | | | 13 | | |
| MINUT | 416 | | 18 | | | | • | | • | 141 | | 18 | 0 | | • | D | • | | 3 | 491 | | 18 | 000000 | 90 |
| ES 16 | • | | 17 | | 6 | | . | • | | • | | <u>~</u> | 0.0 | 00 | 0 | 90 | 0 | 0.0 | • | | | 17 | 000000000000000000000000000000000000000 | 0.7 |
| VEGREE | Ë | | | 00 | 0 | 90 | 0 0 | | ຍ • | Ë | | 16 | ; =: | | | 7. | 7 | 0.19 | į | <u>:</u> | | 16 | 0000000 | 00 |
| 0 44 | ~ | z | 15 | ; ~ ;- | : 🗀 ' | in | ώı | | iń | × | z | 15 | 1 2 | u, | | . w | M. | 9.53 0.33 | ; | ∠ | z | 15 | लेल कर कर के | 4.4 |
| ITUDE | | 11110 | 14 | الأد | iwi | ? ~ | m, m | 0.37 | ۳. | | DIATIO | 7 | 1 | 7 | • | • | • | * * * * | | | IATION | 14 | <u></u> | v. v. |
| LATI | 9.20 | R RAD | 13 | 2.0 | | 9 0 | 4.4 | | . | 9.20 | A RA | | M. | * * | 9 | 9 6 | 9 | 6.51 | | 0.20 | R RAD | 13 | พพพคล | ندم |
| 8 | ITY: | SOLA | 12 | 9.5 | | | 4.4 | | f. 9 | ITY: | SOLA | | | • | • | į | 'n | 6.53 6.53 | i | ITY: | SOLA | 12 | | 9.9 |
| | EFLECTIV | HOURLY | 11 | | | 7 4 | 4.4 | | *. B | FLECTIVI | HOURLY | 11 | 0.3 | 9 9 | • | | 5 | 9.5 | | ECTIVI | HOURLY | 11 | | 9.6 |
| _ | REFL | Ŧ | 10 | . | 100 | 7 M | D. | | 5 . B | REFL | I | - | 0.3 | 00 | | | • | | i | REFL | I | 1.0 | 000000 | 5.5 |
| EDMOND | | | • | 00 | | N 0 | 0.0 | 25.0 | | | | • | | | 9 | 9 0 | 0 | . e | | | | • | 000000 | 4.4 |
| ~ | Ņ | | • | . 0. | 0 | P 0 | 0 | | D | Ñ | | | | | | | | 0.19 | | • | | | •••••• 2000000 2000000 2000000 | 2.2 |
| LOCATION | 3.7 | | | 00 | • • | | • | | • | 5.5 | | ^ | | 9.0 | | D G | 0 | .0.0 | | 7.6 | | 7 | 0000000 | |
| 20 | ÷ | H | • | • | | • • | • | 900 | • | HO: | H | • | | • | • • | • | • | 00 | ; | 2 | Ŧ | • | | 0.0 |
| | HORIZ | SOUT | 10 | , . | • • | | • | | • | HORIZ | SOUTH | 50 | • | | | | | 00 | | HORIZ | SOUTH | S | 0000000 | |
| | - | 110N: | • | | | | | 90 | • | ~ | T 10N: | | | • | | • | | 0.0 | ı | n | : NOI 1 | • | | |
| | MONTH: | ORIENTAT | | 50.5 | | | 9.0 | | B | MONTH: | ORIENTATI | ; | -0.0 | 0 C | . O | 0 0 | 0 | | | HONTH: | ORIENTAT | | 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 0.0 |

| | 0.182 | DAILY TOTAL | RADIATION | ຑຎຑຑຑຎຑຑ ຆຑຑຐຑຑຑຑ ຆຑຑຒຑຑຩຑຑ | 0.176 | DAILY TOTAL | RADIATION | 888888888 88888 88888 88888 88888 88888 8888 | 0.170 | DAILY TOTAL | RADIATION | 7.21 7.21 7.17 7.17 7.10 6.91 5.92 5.93 |
|---------|----------|-------------|-----------|---|--------|-------------|-----------|--|--------|-------------|-----------|--|
| | KĐ: | | 20 | 00000000 | ΚĎ | | 20 | 00000000 | ΚĐ | | | 00000000 |
| ES | | | 1 9 | 00000000 | | | 19 | 000000000000000000000000000000000000000 | | | 19 | |
| MINUTE | 265 | | 18 | | 2 S S | | 18 | 0.114 0.112 0.003 0.003 0.005 0.005 | 115 | | 18 | 0.17 0.13 0.113 0.00 0.00 0.06 |
| 91 9 | 0.5 | | 17 | | 9.5 | | 17 | | 9.0 | | 17 | 0.32 00.23 00.25 00.25 00.25 16 |
| DEGREES | <u>:</u> | | 16 | | Ë | | 16 | 00000000 4444446000 404400000 | Ë | | 16 | 00000000000000000000000000000000000000 |
| 44 13 | K | 7 | 15 | | ¥ | 2 | 15 | 0000000 80000000 800000000000000000000 | ¥ | z | 15 | 00000000000000000000000000000000000000 |
| TUDE | | IATIO | 14 | | | IATIO | 14 | | | IATIO | 14 | 00.00 00.00 00.00 00.00 00.00 00.00 |
| LATI | 0.20 | RRAD | 13 | | 0.20 | R RAD | 13 | | 0.20 | R RAD | - | 00000000000000000000000000000000000000 |
| O.R | ITY: | SOLA | 12 | 0.73 0.73 0.74 0.73 0.73 | ITY: | SOLA | 12 | 0.82 0.82 0.82 0.82 0.82 0.75 0.75 | ITY: | SOLA | 12 | |
| | ECTIV | OURLY | 17 | | ECTIV | OURLY | 7 | 00000000 | ECTIV | OURLY | 1 | |
| | REFL | T | 10 | 100000000 | REFL | I | 10 | 0.68 0.71 0.71 0.71 0.68 0.68 3.59 | REFL | I | 10 | 00000000 |
| EDMOND | | | • | 00000000 | | | | 00000000000000000000000000000000000000 | | | • | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| ~ | • | | •0 | 00000000 mmmmmmm | | | •0 | 0.44 0.44 0.44 0.44 0.34 0.34 0.34 | m | | •0 | 00000000000000000000000000000000000000 |
| OCATION | 9.7 | | 7 | 00.000000000000000000000000000000000000 | 11.2 | | 7 | 0.23 | 11.7 | | 7 | 0.23 |
| 707 | . HO: | H | | 00000000 00000000 | HO .: | H | 9 | 00.00 | : HO: | ITH | 9 | 000000000000000000000000000000000000000 |
| | HORIZ | SOUTH | īU | 600000000 | HORIZ | SOUTH | 5 | 000000000000000000000000000000000000000 | HORIZ | SOUTH | | 400000000000000000000000000000000000000 |
| | J | TION: | | | 5 | TION: | 4 | | 9 | TION: | • | 00000000 |
| | MONTH: | ORIENTAL | | 711.1 0.0 10.00 225.00 35.00 435.00 60.00 | MONTH: | ORIENTA | ; | 22.00 22.00 34.00 56.00 60.00 60.00 | MONTH: | ORIENTA | i | 1100 1000 225.00 335.00 46.00 60.00 |

| | 0.152 | DAILY TOTAL | RADIATION | 7.72.7.386.7.7.7.7.486 | | 0.156 | DAILY TOTAL | RADIATION | 6.57 77.08 1.108 1.108 1.108 | 0.0.4 | ?~. | 0.160 | DAILY TOTAL | RADIATION | 4 የህ የ አ አ አ አ አ አ አ አ አ አ አ አ አ አ አ አ አ |
|---------|--------|-------------|-----------|--|----------|--------|-------------|------------|--|---------|------------------|--------|-------------|-------------|---|
| | KD: | | | 000000 | | ξĐ | | 20 | 00000 | • • | | ΨΩ. | | 20 | 00000000 |
| ES | | | 6 | 0.0000 | | | | 19 | 00000 | | • • | | | | 00000000 |
| MINUT | 689 | | 93 (| 00.00 | | 671 | | 130 | 0.00 | 000 | | 929 | | 60 I | |
| 16 | 0 | | 17 | | | 0 | | 17 | 00000 20000 444 | uici- | | 0 | | 17 | 000000000000000000000000000000000000000 |
| GREES | •• | | 16 | 000000 000000 000000000000000000000000 | . J. M. | •• | | 1 | 00000 4444 84544 | 44.4 | · M | | | 16 | |
| 44 DE | KT | | | 00.00 00.00 00.00 00.00 00.00 00.00 | i de rei | K | | 15 | 0000 0000 0000 0000 0000 0000 | 004 | i rů | X | | 15 | 00 4.00 6.00 6.00 6.00 7.00 7.00 7.00 7.00 7 |
| TUDE | | ATION | 14 | 8000000 8000000 8000000000000000000000 | | | ATION | 1 | 0.72 | ∞.∞. | | | ATION | 14 | |
| LATIT | .20 | RADI | | 000000000000000000000000000000000000000 | , 80 L | .20 | RADI | ~ 1 | 0.80 0.86 0.93 0.93 | O, O, K | . ∞ | .20 | RADI | 13 | ∞ ► ∞ ∞ ∞ ∞ ∞ ∞ ∞ |
| OR R | TY: 0 | SOLAR | 12 | 0.91 0.98 0.98 0.98 0.97 | 0.00 | TY: 0 | SOLAR | 12 | 00.00 00.00 00.00 00.00 00.00 00.00 | 0,0,0 | `∞. | TY: 0 | SOLAR | | 0.70 0.70 0.87 0.88 0.90 0.90 0.90 |
| | CTIVI | URLY | 11 | | , eo L | CTIVI | OURLY | 11 | | 0,0,% | . ∞ . | CTIVI | OURLY | 11 | 0.66 0.85 0.85 0.85 0.87 0.87 |
| | REFLE | 2 | 10 | 000000000000000000000000000000000000000 | , | REFLE | ¥ | 10 | · · · · · · · | 800 | :1: | REFLE | £ | 10 | |
| EDMOND | | | O | 0.00 0.70 0.70 0.70 0.63 0.63 | | | | 6 | 0000 6.60 6.65 6.65 6.65 6.65 6.65 6.65 | 2004 | . r. | | | | 0.59 0.59 0.59 |
| REI | _ | | •• | 000000000000000000000000000000000000000 | | • | | •0 | 0000 44.000 44.04 64.04 | 444 | rm. | | | 1 | 0 . 3 . 0 . 3 . 0 . 3 . 0 . 3 . 0 . 3 . 0 . 3 . 0 . 3 . 2 . 0 . 3 . 0 . 3 . 0 . 3 . 0 . 3 . 0 . 3 . 0 . 3 . 0 . 3 . 0 . 3 . 0 . 3 . 0 . 3 . 0 . 3 . 0 . 3 . 0 . 3 . 0 . 3 . 0 . 3 . 0 . 3 . 0 . 0 |
| ATION | 11.20 | | ~ | 00.00 00.03 00.23 00.23 00.23 | 1214 | 9.72 | | ~ 1 | 00.24 | ini- | | 7.62 | | | |
| 1007 | . HO: | Ξ | 9 | 0.00 0.13 0.00 0.00 0.00 0.00 | | . HO: | Œ | | 0.05 | 000 | | H0: | = | 9 | |
| | HORIZ | SOUT | S | 000000 | | HORIZ. | SOUTH | 1 | 00000 | | | HORIZ. | SOUTH | 35 | |
| | ~ | : NOI : | | 000000 | | •• | : NOI | | 00000 | | | • | :NOI | 4 | |
| | MONTH: | ORIENTAT | - | 110.00 20.00 35.00 25.00 | 000 | MONTH: | ORIENTAT | - | 10.00 20.00 25.00 | 000 | | MONTH: | ORIENTAT | Ē | 50000000000000000000000000000000000000 |

| | 0.177 | DAILY TOTAL | RADIATION | พพ444444 •••••••••••••••••••••••••••••• | 0.187 | DAILY TOTAL | RADIATION | | 0.185 | DAILY TOTAL | RADIATION | 41.99 × 1.09 × 1.09 × 1.09 × 1.00 × 1 |
|---------|------------|-------------|-----------|--|--------|-------------|------------|---|-------------------|-------------|-----------|--|
| | ΚĎ | | | 00000000 | KD: | | | 0000000 | χ Ω | | 20 | 00000000 |
| TES | | | ~! | 000000000 | | | | 000000000 | | | 19 | 00000000 |
| MINUT | 579 | | 18 | 00000000 | 489 | | 18 | 00000000 | 440 | | 18 | |
| s 16 | 9. | | 17 | 00000000 | | | | 00000000 | | | | |
| EGREE | : - | | 91 | 48000000000000000000000000000000000000 | Ë | | √ 0 | 0.00 0.00 0.00 0.00 0.00 0.00 0.10 | : L | | | 00000000 |
| 44 D | ~ | z | 15 | 00000000000000000000000000000000000000 | ~ | z | 15 | 000000 000000 000000000000000000000000 | × | z | 15 | |
| TUDE | | IATIO | 7 | 2440000000 2440000000000000000000000000 | | IATIO | 14 | | | IATIO | 14 | 00000000000000000000000000000000000000 |
| LATI | 0.20 | R RAD | 13 | 2000000 200000 2000000 200000000000000 | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | 00000000000000000000000000000000000000 |
| O.R | ITY: | SOLA | 7.5 | 00000000 00000000000000000000000000000 | ITY: | SOLA | 12 | 00000000000000000000000000000000000000 | ITY: | SOLA | 12 | |
| | ECTIV | HOURLY | | 20000000000000000000000000000000000000 | ECTIV | OURLY | 11 | 00000000000000000000000000000000000000 | STIV | OURLY | 11 | 40000000000000000000000000000000000000 |
| | REFL | x | 10 | | REFL | Ĭ | 0 1 | 00000000000000000000000000000000000000 | REFLE | x | 10 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| DMOMO | | | 6 | 00000000000000000000000000000000000000 | | | σ · | | | | 6 | 00.120 |
| RE | 4 | | | 1 00 00 00 00 00 00 00 00 00 00 00 00 00 | 6 | | •0 | 0.00 0.00 0.00 0.00 0.00 0.10 0.10 | 4 | | ' | |
| OCATION | 5.4 | | ۲~ | | 3.6 | | | 0000000 | 3.0 | | | |
| 707 | . HO: | H. | • | 00000000 | . HG . | TH. | - | 000000000 | . HO: | OUTH | æ | 000000000 |
| | HORIZ | SOUTH | | 00000000 | HORIZ | SOUTI | 10 | 000000000 | HORIZ | SOU | | 000000000 |
| | 10 | TION: | | | 11 | TION: | | 00000000 | 12 | TION: | | 00000000 |
| | MONTH: | ORIENTA | ; | 110 100 200 300 350 600 600 600 600 600 | MONTH: | ORIENTA | ; | 222.00 320.00 320.00 60.00 60.00 60.00 | MONTH: | ORIENTA | ; | 10.00 20.00 20.00 30.00 40.00 50.00 |

| | 0.125 | DAILY TOTAL | RADIATION | 11111111111111111111111111111111111111 | 0.181 | DAILY TOTAL | RADIATION | 2000000000 8000000000 80000000000000000 | 0.183 | DAILY TOTAL | RADIATION | 20000000000000000000000000000000000000 |
|-------|--------|-------------|-----------|--|--------|-------------|-----------|--|--------|-------------|-----------|---|
| | KD: | | 50 | | ĶÖ: | | | 000000000 | KD: | | ~ ! | |
| ES | | | -4 | 000000000 | | | | 00000000 | | | | 00000000 |
| MINUT | 06: | | | 00000000 | 141 | | - | 00000000 | :95 | | ~ 1 | |
| 55 | 0.2 | | | | 0.3 | | | | 0.3 | | 17 | |
| GREES | | | | 1 0000000 1 0000000 1 0000000 1 0000000 | •• | | 16 | 0000000 | •• | | 16 | 000000000000000000000000000000000000000 |
| 44 DE | X | | 15 | | × | | 15 | 000000000 0000000000000000000000000000 | KI | | 15 | 00000000 |
| TUDE | | ATION | | 000000000000000000000000000000000000000 | | ATION | 14 | 00.228 | | ATION | 5 | 000000000000000000000000000000000000000 |
| LATIT | .20 | RADI | 13 | | .20 | RADI | 13 | Containe | .20 | RADI | 13 | |
| S. C. | TY: 0 | SOLAR | 12 | | 1Y: 0 | SOLAR | 12 | 00000000000000000000000000000000000000 | TY: 0 | SOLAR | N | 000000 |
| | CTIVI | Y1900 | 11 | 00000000000000000000000000000000000000 | CTIVI | OURLY | 11 | | TIVI | THANO | 11 | 00000000000000000000000000000000000000 |
| | REFLEC | HO | 10 | 1 4 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | REFLE | H | 10 | 00.28 | REFLEC | H | 10 | 000000000000000000000000000000000000000 |
| E E | _ | | • | 000000000000000000000000000000000000000 | _ | | 6 | 00 00 00 00 00 00 00 00 00 00 00 00 00 | _ | | • | 000000000000000000000000000000000000000 |
| SAL | | | ∞ | 1 00000000 1 000000000 1 000000000 | | | *0 | 00000000000000000000000000000000000000 | | | * | 000000000000000000000000000000000000000 |
| TION | 3.61 | | 7 | 00000000 | 5.44 | | 7 | | 7.56 | | ^ | 000000000000000000000000000000000000000 |
| LOCA | : OH | I | | | H0: | H | 9 | | : OH | * | • | |
| | HORIZ. | SOUT | | | HORIZ. | SOUT | | | HORIZ. | SOUT | | |
| | T . | : 40 | | | 7 7 | : NO | | 0000000 | κ π | : NO: | | 00000000 |
| | MONTH: | ORIENTATI | ; | 71 F 1 | MONTH: | ORIENTATI | ; | 60000000000000000000000000000000000000 | MONTH: | ORIENTATI | ; | 111- 10-0 220-00 330-00 450-00 60-00 |

| | 0.185 | DAILY TOTAL | RADIATION | 44444444 አባባው መጥሳ 4 20 ከተው 0 80 4 1/ 4 88 | 0.187 | DAILY TOTAL | RADIATION | NNNNNNNA4 4NNN44N16N 8884011080V | 0.188 | DAILY TOTAL | RADIATION | ບບບບບບບຈຸ ຄູ່ຄູ່ເປັນປຸດເຄົ້ ພບຍແຍນສຸບຍຸ |
|----------|------------|-------------|-----------|--|--------|-------------|-----------|--|--------|-------------|-----------|---|
| | KD: | | 0 | 000000000 | ΚĎ | | ~ | 00000000 | KD: | | 20 | 00000000 |
| res | | | - | 000000000 | | | 19 | | | | 19 | 000000000000000000000000000000000000000 |
| MINUTE | 44 | | ~ | 99999999999999999999999999999999999999 | 06 | | 18 | 00.112000000000000000000000000000000000 | 16 | | 13 | |
| 55 | 9.0 | | 17 | | 4.0 | | 17 | 00000000 00000000000000000000000000000 | 4.0 | | 17 | |
| GREES | . . | | _ | 20000000000000000000000000000000000000 | •• | | 16 | | •• | | 16 | 00.000 |
| 44 DE | K | _ | 15 | 00000000 W444444 W44444 | X | _ | 15 | 844.00 844.00 844.00 844.00 844.00 | X | _ | 15 | 000000 000000 000000 000000 000000 |
| ITUDE | | ATION | 14 | 00000000000000000000000000000000000000 | | ATION | 14 | | | ATICN | 14 | |
| LATI | 0.20 | RADI | 13 | | 1.20 | RADI | 13 | | .20 | RADI | 13 | |
| G. | ITY: (| SOLAS | | | TY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | - | 000000 00000 00000 00000 00000 00000 0000 |
| | ECTIV1 | OURLY | 11 | | CTIVI | OURLY | 11 | | CTIVI | URLY | 11 | |
| | REFLE | Ŧ | - | 00000000 4400000044 761111080 | REFLE | Ħ | 10 | | REFLE | 9 | 10 | |
| Æ | | | 6 | 000000000 000000000 000000000000000000 | | | 6 | 00000000000000000000000000000000000000 | | | 6 | 0000000 0000000 0000000000000000000000 |
| SAI | | | | 00000000000000000000000000000000000000 | _ | | •0 | 00 32 00 32 00 32 00 32 00 20 00 27 | | | •0 | 000000 000000 000000000000000000000000 |
| LOCATION | 9.14 | | 7 | 00.117 | 11.19 | | ^ | 00.22 | 11.73 | | 7 | 4700345867 112222222 |
| 7007 | . HO: | E | | 00000000 00000000 00000000 | . HO: | Ξ | 9 | 0.00 | H0: | = | \$ | 20.00 20.00 20.00 20.00 20.00 20.00 20.00 |
| | HORIZ | SOUT | S | | HORIZ. | SOUTH | 5 | 000000000000000000000000000000000000000 | HORIZ. | SOUT | S | \$888888888 |
| | 4 | TION: | | 00000000 | īU | TION: | | 00000000 | ø | : NOI | | |
| | MONTH: | ORIENTA | ; | 11 L 1 0 . 0 1 0 . 0 20 . 00 35 . 00 46 . 00 60 . 00 | MONTH: | ORIENTAL | | 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | MONTH: | ORIENTAT | ; | 10.00 20.00 30.00 35.00 40.00 60.00 |

| | 0.173 | DAILY TOTAL | RADIATION | | 9 60 | • | ۲. | i, | ٦٥ | , W | 0.177 | DAILY TOTAL | RADIATION | • | بن ور | e. | 0 | 90 | 0. | 5.27 | 0.180 | DAILY TOTAL | RADIATION | 7 | S. | ہ د | 4 | 5.23 5.23 5.33 | ابر د | ? |
|-------|--------|-------------|-----------|------|--------|------------|------|------------|-------------|---------|--------|-------------|-----------|------|-------------|-----------|------|------------|-----|-------------|--------|-------------|------------|------|------------|----------------|-----|----------------------|-------|----------|
| | KD: | | 20 | 0.0 | ٠ | ٠. | ٠ | ٠ | • | ٠ ، | KD: | | 20 | 1 | • | ٠. | ٠ | | • | 0 0 0 | KD: | | | ٠ | | | • | 0 0 0 | • | • |
| ES | | | | 0.02 | , = | . 0 | ٥. | 0,6 | | | | | 19 | 1 | • | | ٠ | • | • | 00 | | | ~ 1 | | ٠ | | ٠ | 0 0 0 | • | • |
| MINUT | 90 | | 18 | 0.14 | ٦,- | • | ٥. | 0.0 | | . 0 | 78 | | 18 | ! | <u>د</u> د | . 0 | 0 | . . | 0 | 0.03 | 26 | | | 0 | 0, 6 | 20 | Θ, | 00.0 | 0,0 | • |
| 55 | 0.6 | | 17 | 30 | , v | | .25 | 42. | 77. | .16 | 0.5 | | 17 | !!!! | .21 | .21 | .20 | 97. | 8 | 17 | 0.5 | | 17 | . 10 | [] | 77. | .12 | 0.12 | 77 | 11. |
| GREES | •• | | 16 | 46 | | 4 | . 43 | C1: | % ₽ ~4 € | .33 | •• | | ~ 1 | 1 | بن د د د | 36 | , i. | 0 ec | .27 | 0.35 | | | 16 | .25 | 800 | , N | .30 | 0.31 | E C | 67. |
| 44 DE | ¥ | | 15 | 65.0 | 19, | [9] | . 60 | .59 | ٠ ۲ | 180 | KT | | 2 | !!!! | | יי זיט | 52. | יי טית | 4 | 200 | K | | | .39 | .43 | 4.0 | 89, | | 8 | 0 |
| TUDE | | ATION | 14 | 0.70 | ر د | | | , | · • | 9 | | ATION | 14 | ŀ | <u>ه</u> ۱ | á | w. | ر در در | 9 | 0.65 | | ATION | 14 | 3. | 'n, | ن خ | 9 | 29.0 | . 4 | Ö |
| LATIT | .20 | RADI | 13 | 0.77 | só e | 0 00 | ₩. | 63. | | . 9 | .20 | RADI | | 1 | *,r | ٠,٠ | 7 | ٠. L | | 0.73 | .20 | RADI | | ż | 9 | 0.0 | | 0.71 | | Õ |
| 0.8 | 1Y: 0 | SOLAR | 12 | 0.79 | ó, ه | , eo | ∞. | 6 0 | zí, L | | TY: 0 | SOLAR | | 1 | ٠. L | | | , , | - | 0.76 | 1 א: נ | SOLAR | 12 | 3 | 9 1 | | 7 | 0.73 | · _ · | ` . |
| | CTIVI | OURLY | - | 0.77 | κįο | Ó MÁ | 00 | (c) | | . 4 | CTIVI | DURLY | 11 | 1 | δ,r | | ~ | . 1 | | 0.73 | CLIVI | URLY | 11 | , RJ | 9. | ب ب | | 0.73 | ٠,٠ | بع |
| | REFLE | H | 10 | | -, 1 | . 1 | | 7 | ۲. | | REFLE | H | 3.0 | 1 | 4 | 9.9 | 9. | 9.4 | Ψ. | 0.65 | REFLE | 유 | 10 | 5 | 'n | אי נו | 9. | 0.62 | | Ö, |
| E. | | | 6 | | ۰, | 9 | 9 | 7. | ה, ה | | | | 6 | 1 | יט ה | . v. | ٦. | א יא | 'n | 0.52 | | | | ļ | 4 | ن ب | | 0 . 48 8 4 8 | | <u>.</u> |
| SAL | 6 | | •0 | 97.0 | 5 | , J | 4 | • | J. P | O M | 7 | | | 1 | W, W | . i. | ٣. | , M | . m | 0.35 | ₩ | | | . 2 | Ň | 4 | , w | 9.31 | . ~ . | Ŋ |
| ATION | 11.1 | | 7 | 0.30 | 'nι | 10 | 2 | 2 | 'n- | | 9.6 | | 7 | 1 | vic | iu | ۲, | ú. | ! | 0.17 | 7.5 | | 7 | ! -: | ~; | -:- | !! | 0.12 | . ~ . | ۳. |
| 1001 | . но: | H | • | 0.14 | ! - | | 0 | 0 | 0,0 | 90 | . HO: | Ŧ | | İ | 6 | 0 | 0 | | Ö | 0.03 | . HO: | Ŧ | 9 | 0 | ٥. | | 0 | 00.0 | . 0. | 5 |
| | HORIZ | Seuti | 2 | | 0,0 | | 0 | 0. | | | HORIZ | SOUTH | | 1 | • | | ٠ | • | | 0,0 | HORIZ | SOUTH | | | • | • | | 0.0 | | • |
| | _ | TION: | | 0.0 | ٠ | • | | • | | | •0 | TION: | | 1 1 | • | ٠. | | ٠ | • • | 00 | • | TION: | | | ٠ | • | | 0,0 | | • |
| | MONTH: | DETENTA | ; | 0.0 | 00 | ים ביני | 0 | 5.0 | 0,0 | | MONTH: | ORIENTA | ; | 1 | 00 | 90 | 5.0 | 0.4 | | 50.00 | MONTH: | ORIENTA | į | ٠ ر | 0.0 | 60 C | 0.0 | 35.00 | 0 | 0 E |

| | 0.186 | DAILY TOTAL | RADIATION | 22mmmmmmm 48mmn,480m, 88mms440m,6 | 0.181 | DAILY TOTAL | RADIATION | 1111110000 #50. #50100 #50. # | 0.125 | DAILY TOTAL | RADIATION | 01444444444444444444444444444444444444 |
|----------|--------|-------------|-----------|---|---|-------------|-----------|--|---------|-------------|-----------|--|
| | KD: | | 20 | 00000000 | ξÖ. | | 20 | 00000000 | KD: | | 20 | 00000000 |
| TES | | | 19 | 000000000 | | | 19 | | | | 19 | |
| MINUTE | 454 | | 18 | 00000000 | 362 | | 18 | | 298 | | 18 | |
| S 55 | | | | 00000000 | ė | | 17 | | 6 | | 17 | 000000000 |
| GREE | ·• | | 16 | 000000 | ,, | | 16 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | | | 16 | 0.0000000000000000000000000000000000000 |
| 44 DE | K | | 15 | | 7 | | 15 | | 7 | | 15 | |
| UDE | | ATION | 14 | 00000000 100000000 100000000 100000000 | | ATION | 14 | | | ATION | 7 | |
| LATITUDE | .20 | RADI | - | 200000000 2442000000 20000000000000000 | .29 | RADI | _ | 20000000000000000000000000000000000000 | .20 | RADI | 13 | 0000000 |
| 90 | 17: £ | SOLAR | 12 | 00000000 1 | 1 X : 0 | SOLAR | 12 | 0000000 0000000 0000000000000000000000 | TY: 0 | SOLAR | 12 | 000000000000000000000000000000000000000 |
| | ECTIVI | HOURLY | - | | ECTIVI | OURLY | 11 | | ECTIVI | HOURLY | | 00000000000000000000000000000000000000 |
| | REFLE | H | 10 | 0000000 00000000 000000000000000000000 | REFLE | H | 10 | | REFLE | H | - | 00000000000000000000000000000000000000 |
| EM | | | | 00.29 | | | | 00.13 | | | ٠ | 000000000000000000000000000000000000000 |
| SAL | | | •0 | 00000000 00000000000000000000000000000 | | | | 0000000 0000000 0440000000 | | | •0 | |
| DCATION | 5.34 | | | | 3.58 | | ^ | 00000000 | 2.93 | | ~ | 000000000 |
| LOC | . HO: | Ŧ | 9 | 600000000 | . HO: | Ŧ | • | | . HÖ.: | Ŧ | 9 | 000000000 |
| | HORIZ | SOUTH | ın | 00000000 | HORIZ | SOUTH | Ŋ | | HORIZ. | SOUTH | 'n | 800000000 |
| | 10 | 1 I ON: | | 000000000 | ======================================= | TION: | 4 | | 12 | TION: | J | |
| | MONTH: | ORIENTATION | ; | 110.00 10.00 25.00 35.00 55.00 60.00 | MONTH: | ORIENTA | i | 110 110 100 220 250 250 250 60 60 60 60 60 | MONTH: | ORIENTATION | i | 1111 0.0 20.00 30.00 35.00 55.00 60.00 |

| | 0.182 | DAILY TOTAL | RADIATION | 11.66 22.22.23 22.54.32 22.54.32 25.54.32 26.54. | 0.183 | DAILY TOTAL | RADIATION | 4.000000000000000000000000000000000000 | 0.184 | DAILY TOTAL | RADIATION | พพพพพพพพพ พ.ส.อ.ล.ช.ช.ช.ส. พ.ส.อ.ล.ช.อ.ช.อ.พ |
|----------|----------|-------------|------------|---|----------|-------------|-----------|--|----------|-------------|-----------|--|
| | Ë | | N | 00000000 | ΚĎ | | | 00000000 | KD: | | 2 | 000000000 |
| TES | | | 19 | | | | - | 00000000 | | | 19 | 000000000 |
| MINUT | 383 | | ~ ! | | 394 | | - | 00000000 | 420 | | - | |
| 5 39 | 6 | | 17 | 00000000 | 6 | | | 0.0030000000000000000000000000000000000 | | | 17 | 000000000000000000000000000000000000000 |
| EGREES | <u>:</u> | | 16 | 000000000000000000000000000000000000000 | <u>:</u> | | 16 | 0.12 0.16 0.16 0.17 0.17 0.18 | <u>:</u> | | 16 | 000000000000000000000000000000000000000 |
| 40 D | ¥ | z | 15 | | ⊋ | ~ | 15 | | ¥ | - | 15 | |
| TUDE | | IATION | 14 | | | IATION | 14 | • • • • • • • • • • • • | | IATION | | 22000000000000000000000000000000000000 |
| LATI | 0.20 | R RAD | 13 | 00000000 00000000000000000000000000000 | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | |
| Ą | ITY: (| SOLAF | 12 | | ITY: (| SOLAF | | 00.441 00.451 00.455 00.457 00.457 | [TY: (| SOLAF | - | 00000000000000000000000000000000000000 |
| | ECTIV! | OURLY | 11 | | ECT IV | HOURLY | 11 | | ECTIV] | OURLY | <u>~</u> | 44.00000000000000000000000000000000000 |
| ¥; | REFL | Ī | 0 | | REFLI | Ĭ | | 0.34 0.34 0.34 0.34 0.34 0.34 0.34 | REFLI | Ĭ | 10 | 90000000000000000000000000000000000000 |
| LENTOWN | | | • | 00000000 111122222222222222222222222222 | | | | 0.22 0.22 0.22 0.33 0.33 0.33 0.33 | | | | 000000000 |
| AL | J | | €0 | 0000000 0000000 | 8 | | •0 | 0.12 0.16 0.16 10.17 0.17 0.18 | 6 | | | 000000000000000000000000000000000000000 |
| LOCATION | 4.3 | | ~ | | 6.1 | | 7 | 0.03 0.03 0.03 0.03 0.03 | 8.0 | | 7 | 000000000 |
| 707 | . HO: | TH. | | | . HO: | Ħ | | 00000000 | . HO: | Ŧ | 9 | |
| | HORIZ | SOUT | Ŋ | | HORIZ | SOUTH | | 00000000 | HORIZ | SOUTH | | 00000000 |
| | - | : NOI | | 00000000 | 2 | ION: | | 00000000 | m | :NOI | | 00000000 |
| | MONTH: | ORIENTATION | ; | 11[1 0.0 0.0 20.00 30.00 50.00 60.00 | MONTH: | ORIENTATIO | ; | 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | MONTH: | ORIENTATI | i | 11 L - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - |

| | 185 | OTAL | NO | | 98 | OTAL | NO | | 87 | OTAL | × | |
|--------|--------|----------|---------|--|---------|----------|---------------|--|--------|----------|---------|---|
| | 0.1 | DA11Y TO | RADIATI | գգգգգգգ գգծ 1004 NON NO 10 10 10 10 10 10 10 10 10 10 10 10 10 | | DAILY TO | RADIATI | NUNNAAAAN HUTTONSKYNS AUNSSOON | 0.1 | DAILY TO | RADIATI | NUNUNUAAA AAANUHQUD BAANUHQUD |
| | ΚĎ | | 2 | 00000000 | • | | 0 | 00000000 | KD: | | | 00000000 |
| ES | | | | 00000000 | • | | 19 | | | | 19 | |
| MINUT | 43 | | 18 | 00000000 | 58 | | 18 | 0 . 10 0 . 03 0 . 03 0 . 05 0 . 05 0 . 05 0 . 05 | 78 | | | |
| 39 | 5.0 | | | | . • | | 17 | 00.22 | 4.0 | | 17 | 0 . 2 . 2 . 2 . 2 . 2 . 2 . 2 . 2 . 2 . |
| GREES | •• | | ~ | 00000000000000000000000000000000000000 | | | 16 | 00000000000000000000000000000000000000 | •• | | 16 | 00000000000000000000000000000000000000 |
| 40 DE | K | | 15 | | • | | 15 | | K | | 15 | 4 4 4 4 4 4 4 M |
| TUDE | | ATION | 14 | | • | ATION | ~ | 00000000 พัพพัพพัพพัพ 4พพพัพพัพพัพพัพ | | ATION | 14 | 00.00 00.00 00.00 00.00 00.00 00.00 |
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| 0.185 | DAILY TOTAL | RADIATION | 4444444 41,461,1400 41,400,1400 | 0.186 | DAILY TOTAL | RADIATION | NUNUNA44N SGIIIO ® V.N.e Haesilensa | 0.187 | DAILY TOTAL | AT | NNNNNNA44 VAN4NHONO DARKARORK |
|--------|-------------|-----------|--|---------|-------------|-----------|--|-----------|-------------|-------------|--|
| ΚĎ | | | | KD: | | 8 | 00000000 | ΚĐ | | OI I | 000000000 |
| | | | 000000000 | | | 19 | 000000000 | | | 19 | 000000000000000000000000000000000000000 |
| 251 | | 80 | 00000000 | 29 | | 18 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | 98 | | 18 | 00.00 |
| 4.0 | | 17 | 00.114 | 4.0 | | 17 | 0 . 22 0 . 22 0 . 20 0 . 13 0 . 15 0 . 15 | 4.0 | | 17 | 00.22 |
| ·• | | 16 | 00000000000000000000000000000000000000 | • | | 16 | 00000000000000000000000000000000000000 | . | | 91 | 00000000000000000000000000000000000000 |
| X | | 15 | 000000 444444 0000000 0000000 | × | _ | 15 | 00000000000000000000000000000000000000 | X | | 15 | 000000 00000 00000 00000 00000 00000 |
| | ATION | 16 | 200000000 241000000044 | | ATION | ~4 | 00000000 0000000044 000000000000000000 | | ATION | 14 | 00000000 00000000 000000000 00000000 |
| 1.20 | RADI | 13 | 000000 0000000 00000000 00000000 | .20 | RADI | 13 | 0.601 | .20 | RADI | 13 | 000000000 000000000 000000000000000000 |
| TY: 0 | SOLAR | 12 | 0000000 0000000 000000000 0000000000 | TY: 0 | SOLAR | 12 | 00 00 00 00 00 00 00 00 00 00 00 00 00 | TY: 0 | SOLAR | 12 | 000000 000000 0000000 0000000000000000 |
| ECTIVI | URLY | 11 | | CTIVI | OURLY | | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | CTIVI | OURLY | 11 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| REFLE | CH | 10 | 00000000000000000000000000000000000000 | REFLE | H | 10 | | REFLE | Ħ | 10 | 0.00000 0.00000 0.00000 0.00000 0.00000 |
| | | Φ. | 0.4420 0.4420 0.4420 0.4420 0.330 0.330 | | | 0 | 00000000000000000000000000000000000000 | | | 6 | 00.00 00.00 00.4444 00.44444 00.44444 |
| | | | 22.23 | | | •0 | 00000000000000000000000000000000000000 | | | * 0 | 00.334 00.334 00.336 00.336 00.336 00.336 00.336 |
| 10.06 | | 7 | 00.15 | 11.28 | | ~ | 0.22000.22200.23 | 11.72 | | 7 | 00.22 |
| . H0: | Ξ | 9 | 000000000000000000000000000000000000000 | H0: | Ξ | | 000000000000000000000000000000000000000 | H0: | æ | 9 | 00.113 |
| HORIZ. | SOUTH | | 00000000 | HORIZ. | SOUTH | Ŋ | | HORIZ. | SOUT | un į | 000000000000000000000000000000000000000 |
| 4 | : NOI | 4 | 00000000 | بر ا | :NOI | | 000000000 | 9 | TION: | - 1 | 000000000 |
| MONTH: | ORIENTAT | ; | 11 - 11 - 11 - 11 - 11 - 11 - 11 - 11 | MONTH: | ORIENTAT | i | 220.00 25.00 25.00 25.00 60.00 | MON' :: | ORIENTAT | | 10.00 20.00 25.00 35.00 35.00 40.00 60.00 |

| | 0.188 | AILY TOTAL | RADIATION | พพพพพพพพ พลหลุมของ จามของจล | 0.187 | AILY TOTAL | RADIATION | 4000004444 **************************** | 0.188 | AILY TOTAL | RADIATION | N4444444 |
|---------|--------|------------|-----------|--|--------|------------|-----------|--|--------|------------|-----------|---|
| | KD: | a | 6 | | KD: | a | 50 | 00000000 | KD: | _ | | 00000000 |
| ES | | | 51 | 00000000 | | | 19 | 000000000 | | | i | |
| MINUT | 93 | | 18 | | 89 | | 80 | 00000000 00000000 00000000 0000000 | 93 | | 18 | |
| 13 | 4.0 | | 17 | 00000000000 4000000000 | 9.4 | | 7 | 00000000 | 4.0 | | į | |
| EGREES | | | 16 | ************************************** | | | 16 | MUNICAL - SOO | | | 16 | 497888879 |
| 0 0 | KT | | 15 | 1 | KT: | | 15 | | KT: | | Í | W4444444 V0WWWWNO |
| TUDE 4 | | ATION | 14 | 000000000000000000000000000000000000 | | ATION | 14 | 20000000000000000000000000000000000000 | | ATION | 4 | 40000000000000000000000000000000000000 |
| ATIT | .20 | RADI | | ! <i>ቅቅቅቅቅቅቅክክ</i> ! ፋቅቅቅክፋሬክክ ! | .20 | RADIA | | <i>66666666</i> 66 64444466 | .20 | RADI | | 85000000000000000000000000000000000000 |
| PA | 1Y: 0 | SOLAR | 12 | 1 60000 1 611 1 1 1 1 | 1Y: 0 | SOLAR | ~ | 00000000 00000000 00000000 00000000 | 1Y: 0 | SOLAR | | 200000000 2000000000 20000000000000000 |
| _ | CTIVI | OURLY | 11 | ~~~~~~~~~ ~~~~~~~~~ ~~~~~~~~~~~~~ | TIVE | OURLY | 11 | \$\$\$\$\$\$\$\$ \$ | ECTIVI | OURLY | - | W H W W W W W W W W |
| RG | REFLE | HO | 10 | ! ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ | REFLEC | HO | 10 | 00000000 00000000 00000000 00000000 000000 | REFLE | HO | 10 | 00000000 444444444444 |
| RRISBUR | | | 6 | 1000000 | _ | | | 00000000000000000000000000000000000000 | | | | 000000000000000000000000000000000000000 |
| HAR | | | 00 | 00000000000000000000000000000000000000 | | | | 00000000 | | | •• | 200000000 2000000000 20000000000000000 |
| OCATION | 11.27 | | 7 | 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 9.99 | | Ĺ | 00.18 00.17 00.18 00.16 126 | 8.10 | | 7 | |
| LOCA | H0: | Ŧ | 4 | 00000000 00000000000000000000000000000 | H0: | x | 9 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | H0: | x | • | |
| | HORIZ. | SOUTI | ĸλ | 000000000 | HORIZ. | SOUTH | | | HORIZ. | SOUTH | | 00000000 |
| | 7 | ION: | | 00000000 | • | TION: | | 00000000 | • | TION: | ক | 00000000 |
| | MONTH: | ORIENTAT | i | 40.00 220.00 320.00 35.00 40.00 60.00 | MONTH: | ORIENTAT | i | 222 222 222 222 222 222 222 223 223 223 | MONTH: | ORIENTAL | ; | 11.1 0.0 20.0 30.0 30.0 35.0 60.0 60.0 |

| | 0.187 | DAILY TOTAL | RADIATION | 33.3 3.35 6.45 | 7.6.0 | | | 9.184 | DAILY TOTAL | RADIATION | *0 | 4 | יייי | 2.80 | 00 | ٥. | 0.182 | DAILY TOTAL | RADIATION | 1.4 1.72 1.72 1.72 1.72 1.73 1.73 1.73 1.73 1.73 1.73 1.73 1.73 | |
|---------|---------|-------------|-----------|----------------------------|-----------|-----------|------------|----------|--------------|-----------|-----|------|------|------------------|-------------|------|--------|-------------|-----------|---|--|
| | χĐ | | 20 | | | | | χĐ: | | 20 | 1 . | ٠ | | - - - - | | • | KD: | | 20 | 00000000 | |
| TES | | | 19 | | | • • | • • | | | 19 | i • | | | 00 | | • | | | 19 | | |
| MINUT | 485 | | ~ | 000 | 000 | | | 417 | | 138 | | • | | စ ် | | • | 377 | | 81 | | |
| 5 13 | e. | | 17 | 660 | 000 | 000 | | ė | | | 9 | | | 00 | o o | 6 | 6 | | | 00000000 | |
| EGREE | 1: | | 16 | | 000 | 100 | .0. | : E | | 16 | 0.0 | 0.0 | 9.0 | 0.10 | | 0.1 | Ë | | 16 | 00000000 | |
| 40 0 | × | ¥0 | 15 | 000 | 000 | 900 |) M | × | z | 15 | 0.1 | | 90 | 0.25 | 00 | 0.5 | × | NO | | | |
| TUDE | | IAI | 14 | 0.42 | 44. | ์ เก๋เ | ອ ວິກັນ | | DIATIO | 14 | 0.2 | 0.5 | 96 | 0.36 | m m m | . o | | IATI | 14 | 00000000 | |
| LATI | 0.20 | RAD | 7 | 990 | 000 | 900 | 0.58 | RA | 13 | 0.3 | 0.0 | 9.0 | 0.45 | 99 | 4. | 0.20 | R RAD | - | 00000000 | | |
| PA | TY: | SOLA | 12 | 000 | 000 | 900 | 9.0 | VITY: | SOLA | 12 | 0.3 | 0.3 | 2.0 | 0.45 | ٠.٠ د د | 9.0 | ITY: | SOLA | 12 | 00000000 | |
| | ECTIV | OURLY | 11 | 000 | ຕ ພິພິ | | הייני | ECTI | OURLY | | 0.3 | n. | . o | 0.47 | 99 | 9.6 | ECTIV | OURLY | 11 | 00000000 | |
| BURG | REFL | ٠. | 10 | 0.37 | 44.0 | | | REFL | x | 10 | 0.2 | 2.5 | 9.0 | 0.36 | 0 0 | 0.3 | REFL | I | 10 | 000000000 | |
| ARRISE | | | 0 | 5 0.27 7 0.31 9 0.34 | 000 | 000 | . n | | | 6 | 0.1 | | 96 | 0.25 | 00 | 6 | | | 6 | 000000000000000000000000000000000000000 | |
| Ĭ | 6) C | | • | 32 0 17 | 000 | 900 | 90 | 38 | | | 10 | 0,0 | ? ┌. | 0.10 | 77 | 7 | 4 | | *0 | 000000000000000000000000000000000000000 | |
| OCATION | 4 | | | 000 | 000 | 900 | 9.6 | S | | 7 | • | • | • • | 66 | • • | • • | 3.7 | | | 000000000 | |
| 10 | . Но | SOUTH | 1 | 000 | • • | | | 5 | SOUTH | - (| | • | | o o | | | . HG | OUTH | 9 | 000000000 | |
| | HORIZ | 201 | | 000 | | ٠. | | HORIZ | 105 | - 1 | ١. | ٠ | | 00 | • | • | HORIZ | 201 | 1 | | |
| | 3.0 | TION: | | 000 | | | | 11 | TION: | . | 1 . | • | | o o | • | | 12 | ATION: | 4 | | |
| | MONTH: | ORIENTA | - | 000 | | 700 | | M. NTH: | ORIENTATI | - | | 0.0 | 3 P. | 30.00 35.00 | 0.0 | | MONTH: | ORIENTA | | 60.00 60.00 60.00 60.00 60.00 60.00 60.00 | |

| 53 MINUT |
|---------------------|
| 39 DEGREES |
| LATITUDE |
| đ. |
| PHILADELPHIA |
| LOCATION |

| | 0.183 | DAILY TOTAL | RADIATION | 40000000000000000000000000000000000000 | 0.183 | DAILY TOTAL | RADIATION | 44444444444444444444444444444444444444 | 0.184 | DAILY TOTAL | RADIATION | имимимими черофоро черофоро правоверомо |
|----------|----------------------------------|-------------|--|--|--|-------------|--|--|----------|-------------|-----------|--|
| | KD: | _ | 20 | | KD: | _ | 20 | 00000000 | KD: | | 20 | 00000000 |
| res | | | 19 | | | | 19 | 0000000 | | | 19 | 000000000 |
| MIRUT | 591 | | 18 | 00000000 | 102 | | 18 | | 127 | | 18 | |
| | 9.3 | | 17 | 99909999 | 4.0 | | 17 | 00000000000000000000000000000000000000 | 9.0 | | 17 | |
| DEGREES | พาแนนเกลเล | •• | | 16 | 00000000000000000000000000000000000000 | •• | | 15 | | | | |
| 39 DE | X | | | 1 WW0000000 | KT | | 15 | 00000000000000000000000000000000000000 | K | | 15 | |
| TITUDE | | ATION | 7 4 | 00000000 00000000 000000000 00000000 | | ATION | 14 | WWWWWA444 UWWWWWA444 | | ATION | 14 | |
| ~ | CTIVITY: 0.20 URLY SOLAR RADI | 13 | 000000000 000000000 0000000000 00000000 | .20 | RADI | 13 | 00000000000000000000000000000000000000 | .20 | RADI | 13 | | |
| | | OLA | - | BDDDDDDDDD | TY: 0 | SOLAR | 12 | 00000000000000000000000000000000000000 | TY: 0 | SOLAR | 12 | 00000000 44444444444444444444444444444 |
| | | _ | _ | 000000000 1 000000000 1 0000000000 | ECTIVI | OURLY | 11 | 000000000000000000000000000000000000000 | ECTIVITY | OURLY | 11 | |
| < | REFLE | 8 | 10 | 00000000 00000000 000000000 00000000 | REFLE | HO | 10 | | REFLE | HO | _ | 000000000000000000000000000000000000000 |
| LADELPHI | | | | 00000000000000000000000000000000000000 | | | • | 000000000000000000000000000000000000000 | | | 0 | 00.37 00.37 00.37 00.37 00.37 |
| PHI | | | | 1 986000000000000000000000000000000000000 | | | 40 | 000000000000000000000000000000000000000 | | | •0 | 000000000000000000000000000000000000000 |
| LOCATION | 4.47 | | 7 | | 6.23 | | 7 | | 8.18 | | 1 | |
| LOCA | 9 | = | • | 00000000 | :ОН | x | • | | H0: | Ŧ | | |
| | HORIZ. | SOUT | S | 00000000 | HORIZ. | SOUTH | 10 | | HORIZ. | SOUTH | 'n | aaaaaaaaa |
| | - | : NOI | | | 2 T | ION: | • | | Ξ. | : NO. | | |
| | MONTH: | ORIENTATI | - | 220 220 220 220 220 220 220 200 200 200 | MONTH: | ORIENTATI | ; | 220.00 220.00 220.00 220.00 200.00 | HINCH: | ORIENTATI | ; | 250.00 30.00 30.00 40.00 60.00 |

| | 0.185 | AILY TOTAL | RADIATION | գգգգգգգ | 0.186 | AILY TOTAL | RADIATION | 8811889 9844 984188 9848 9848 | 0.187 | AILY TOTAL | RADIATION | 2000 2000 2000 2000 2000 2000 2000 200 |
|----------|-----------|------------|-----------|---|---------|------------|-----------|--|---------|------------|-----------|---|
| | KD: | 6 | | | KD: | A | 2 | | KD: | ۵ | 2 | |
| ES | | | 19 | | | | 19 | 00000000 | | | 19 | 000000000000000000000000000000000000000 |
| MINUT | 83 | | 18 | | 9 6 | | İ | 000000000000000000000000000000000000000 | 87 | | 18 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| 53 | 9.6 | | 17 | 000000000000000000000000000000000000000 | 9.0 | | 17 | 227890123 12278 | 9.0 | | : | 000000000000000000000000000000000000000 |
| EGREES | | | 16 | 000000000000000000000000000000000000000 | | | 16 | 000000 000000 000000000000000000000000 | | | 16 | 00.00 00 |
| 39 DE | K | | 15 | 0000000 44444444 42444444444444444444444444 | × | _ | 15 | क्रक्रक्रक्र | X | _ | | 000000000000000000000000000000000000000 |
| rude | | IATION | 14 | 00000000000000000000000000000000000000 | | IATION | 14 | | | IATION | 14 | 00000000000000000000000000000000000000 |
| LATI | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | |
| FA | 17: | SOLA | | 00000000 00000000000000000000000000000 | ITY: | SOLA | 12 | 00000000000000000000000000000000000000 | ITY: 1 | SOLA | - | 00000000000000000000000000000000000000 |
| | EFLECTIVI | HOURLY | 11 | 00000000 | ECTIV | HOURLY | 11 | | ECTIV | OURLY | 7 | 20000000000000000000000000000000000000 |
| ADELPHIA | REFL | x | 10 | 00000000 | REFL | I | 10 | 00 00 00 00 00 00 00 00 00 00 00 00 00 | REFL | I | 0 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| HILADE | | | 6 | 00000000 | | | 5 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | • | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 |
| • | 98 | | •0 | 00000000000000000000000000000000000000 | •0 | | •• | 000000000000000000000000000000000000000 | _ | | •0 | 00000000000000000000000000000000000000 |
| OCATION | 10. | | 7 | 75 | : 11.2 | | 1 | 5 0 1 2 0 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | : 11.7 | | 7 | 00.222222222222222222222222222222222222 |
| 100 | Z. H0: | SOUTH | 9 | | . но | SOUTH | 9 | | . но | ОИТН | • | 000000000000000000000000000000000000000 |
| | HORIZ | 201 | 5 | | HORIZ | 201 | Ŋ | | HORIZ | SOL | | 000000000000000000000000000000000000000 |
| | ড | TION: | 4 | | 2 | TION: | | | 9 | TION: | | |
| | MONTH: | ORIENTAT | ; | 111 1000 3000 3000 6000 6000 6000 6000 | MONTH: | ORIENTA' | ; | 650.000 650.000 650.000 650.000 | MONTH: | ORIENTA | | 110 220 220 220 220 230 230 200 200 200 20 |

| | 0.188 | DAILY TOTAL | RADIATION | សក្ខភ មាល់កុ ស្តស្ន | 2 | | 0.188 | DAILY TOTAL | RADIATION | 40000 6444 7466 | 100 | | 0.188 | DAILY TOTAL | RADIATION | 44.4 6.03 8.03 8.03 | 9.0 | مو | N.W. |
|--------|--------|-------------|------------|------------------------------|----------|-------------------------|--------|-------------|-----------|---|----------|---------|---------|-------------|-----------|------------------------------|---------|---------|-------|
| | Ë | | 20 | 0000 | | | ΚĎ | | 20 | 0000 | | | KD: | | 20 | 600 | | | |
| ES | | | 19 | 0000 | 000 | | | | 19 | 0000 | | | | | 19 | | | | • • |
| MINUT | 92 | | | 0.11 0.09 0.08 0.08 | 000 | | 96 | | 18 | | 000 | | 96 | | 18 | 000 | 0.0 | 00 | 66 |
| 53 | 4.0 | | 17 | 0.23 | 3.1. | | 9.0 | | 17 | 0.13 | <u> </u> | | 4.0 | | 17 | 00.10 | ~- | : -: -: | 7.7 |
| GREES | | | 16 | | WW.W | i \dot{u} \dot{u} | •• | | 16 | 6000 | M. W. W | ivivi | | | 16 | NNN | Sin | iuu | inin |
| 39 DE | K | | 15 | | 4.4.4 | i 4 W | X | | 15 | 00 00 00 00 00 00 00 00 00 00 00 00 00 | 4.4.4 | 4 W | K | | 15 | | 44 | *** | 44 |
| TUDE | | ATION | 14 | SOS | היהיה | نمنم | | ATION | 14 | | بنبند | نبنبن | | ATION | 14 | 41010 | inj r | نمنم | 20.00 |
| LATIT | . 20 | RADI | 13 | | 001 | . הי הי | .20 | RADI | 13 | 0000 0000 0000 0000 0000 | 000 | | .20 | RADI | 13 | | , vo .c | . 4. 4. | 100 |
| PA | TY: 0 | SOLAR | 12 | | 20,0 | نجنن | 1Y: 0 | SOLAR | 12 | | ممم | | 1Y: 0 | SOLAR | 12 | 0.56 | 20.0 | . 40 40 | 9.9 |
| | ECTIVI | OURLY | 11 | | 201 | . הי הי | ECTIVI | HOURLY | 11 | | 000 | . 6. 7. | ECTIVI | OURLY | 11 | | 9 4 | 9.00 | 2010 |
| PHIA | REFLE | Ħ | 10 | | יוליוי ו | ب زير ز | REFLE | ¥ | 10 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | بن بن بر | نبنبن | REFLE | Ħ | 10 | 4 10 10 | N. W. | نىن | N.N. |
| ILADEL | | | 6 | | 444 | . 4 6 | | | 6 | 0.45 0.47 0.47 | 4.4.4 | | | | 6 | 0.37 | 44 | ** | 44 |
| Ŧ | _ | | 40 | 0.37 0.37 0.36 0.36 | in in in | ંબંબ | | | | 0000 0000 0000 0000 | M W K | יטטי | | | * | | Sign | 144 | 22 |
| ATION | 11.2 | | | 0.23 | 5 | <u> </u> | 10.0 | | 7 | 0.19 0.18 0.18 0.17 | 7.7. | :::: | 8.14 | | 7 | 0.10 | 7. | : -: -: | 7.7. |
| 1001 | . HO: | Ħ | 9 | 0.11 | 0.0.5 | 900 | . HO: | Ξ | 9 | 0.05 0.05 0.04 0.04 | 0.0.0 | | . HO: | Æ | 9 | 00.00 | 0.0 | | 00 |
| | HORIZ | SOUT | 1 0 | 00.00 | 0.0.6 | 900 | HORIZ | SOUT | i | 0000 | | | HORIZ | SOUTH | | 000 | | | |
| | ~ | : NOI | | 0000 | • • | | •• | TION: | \$ | 0000 | | | • | :NOI. | | 000 | • | | |
| | MONTH: | ORIENTAT | = | 10.00 20.00 25.00 | 000 | 900 | MONTH: | ORIENTAI | - | 10.00 29.00 25.00 | 000 | 000 | HONTH: | ORIENTAT | ; | -000 | 0.0 | | 0.0 |

| 0.188 | DAILY TOTAL | RADIATION | NNNNN444 047.0001111 047.0001111 | 0.185 | DAILY TOTAL | RADIATION | 12222222 2322222 252222233 | 0.183 | DAILY TOTAL | RADIATION | 11.52.52.52 47.01.52.52 88.62.63 66.53.63 |
|------------|-------------|-----------|---|---------|-------------|-----------|---|----------|-------------|-----------|--|
| ΚĎ | | 20 | 00000000 | χ Θ | | 20 | 000000000 | KD: | | 20 | 000000000 |
| | | 19 | 00000000 | | | 19 | 000000000 | | | 19 | 00000000 |
| 493 | | 18 | | 440 | | | 000000000 | 390 | | _ | |
| ö | | 17 | | 6 | | | 00000000 | ο. | | ~ | |
| KT: | | 16 | | | | 16 | | Ë | | 16 | |
| × | z | 15 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ¥ | z | 15 | 0.29 0.20 0.20 0.20 0.30 0.30 | × | z | 15 | 00000000 |
| | RADIATIO | 14 | 88.44.00 00.00 00.00 00.00 00.00 | | DIATIO | 14 | | | IATION | 7 | 0 4 8 8 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| 0.20 | | 13 | 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 0.20 | AR RAD | 13 | 00000000000000000000000000000000000000 | 0.20 | R RAD | 13 | 000000000000000000000000000000000000000 |
| ITY: | SOLAR | 12 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | ITY: | SOLA | _ | 10000000 10000000000000000000000000000 | ITY: | SOLA | 12 | |
| FLECTIVITY | HOURLY | 11 | | FLECTIV | OURLY | - | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ECTIVITY | DURLY | 11 | |
| REFL | I | 10 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | REFL | X | 10 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | REFL | x | 10 | 0.0000000000000000000000000000000000000 |
| | | • | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | ٥ | 0.20 0.20 0.20 0.20 0.20 0.20 0.20 | | | • | 00000000 |
| m | | •0 | 1110000000 | * | | | 00000000 | 6 | | | 0.05 |
| 6.1 | | | 00000000000000000000000000000000000 | 4. | | | 00000000 | ₩. | | 7 | 000000000 |
| : ₩ | ITH | 9 | 000000000 | | H | | 00000000 | . HO: | юитн | _ | |
| HORIZ | SOUT | 5 | 000000000 | HORIZ | SOUT | 2 | 00000000 | HORIZ | SOU | 7. | 000000000 |
| 10 | TION: | | | 11 | TION: | | | 12 | 110N: | | |
| MONTH: | ORIENTAT | ; | 22222222222222222222222222222222222222 | MONTH: | ORIENTAT | ; | 110 100 100 300 300 600 600 600 600 600 | MONT!! | ORIENTA | ; | 66000000000000000000000000000000000000 |

LATITUDE 39 DEGREES 53 MINUTES

PA

LCCATION PHILADELPHIA

| | 0.179 | DAILY TOTAL | RADIATION | 44444444444444444444444444444444444444 | 0.180 | DAILY TOTAL | RADIATION | | 0.182 | DAILY TOTAL | RADIATION | |
|---------|----------|-------------|-----------|---|--------|-------------|-----------|---|--------|-------------|-----------|--|
| | KD: | | 100 | | ΚĎ | | N 1 | 66566666 | KD: | | ~ | 000000000 |
| TES | | | 19 | | | |) ò | | | | 19 | |
| MINUTE | 306 | | 18 | 969999999 | 121 | | 18 | | 195 | | ₩ | |
| 30 | 0.3 | | 17 | 000000000 | 0.3 | | 17 | 00000000 | 0.3 | | 17 | |
| GREES | •• | | 15 | | •• | | 16 | 0000000 | | | 16 | |
| 40 DE | KT | | 15 | 000000000000000000000000000000000000000 | KT | | 15 | | X | | 15 | |
| TUDE | | ATION | 14 | | | ATION | 74 | | | ATION | - | De De De De De De De De De De De De De |
| LATIT | .20 | RADI | 13 | | .20 | RADI | 13 | | .20 | RADI | 13 | 000000000000000000000000000000000000000 |
| PA | TY: 0 | SOLAR | - | 1 00000000 | 1Y: 0 | SOLAR | 12 | 00000000 | TY: 0 | SOLAR | 12 | |
| | ECTIVI | DURLY | | 000000000000000000000000000000000000000 | ECTIVI | OURLY | 11 | 0000000 | ECTIVI | HOURLY | 11 | 00000000 |
| URGH | REFLE | H | 10 | | REFLE | 2 | | 00000000000000000000000000000000000000 | REFLE | E C | 3.0 | |
| TSBUR | | | Φ | 1 0000000000000000000000000000000000000 | | | 6 | 80000000 | | | | 00000000000000000000000000000000000000 |
| PIT | | | •• | 000000000000000000000000000000000000000 | | | •0 | 00000000 | | | •0 | 00.20 |
| OCATION | 4.37 | | | 000000000 | 6.14 | | 7 | | 8.11 | | 1 | |
| 1001 | HQ: | Œ | 9 | 00000000 | HO: | Ξ | | | H0: | . | 40 | |
| | HORIZ. H | Seuth | ĸ | 606000000 | HORIZ | SOUTH | 'n | | HORIZ | SOUTH | Ŋ | 000000000 |
| | _ | TION: | | 00000000 | ~ | ION: | J | | ۳ | : NOI | J | |
| | MONTH: | ORIENTAT | : | 65666666666666666666666666666666666666 | MONTH: | ORIENTAT | ; | 00000000000000000000000000000000000000 | HINOM | ORIENTAT | į | 110000 110000 120000 130000 100000 100000 |

| 30 MINUTES | |
|------------|--|
| 40 DEGREES | |
| LATITUDE | |
| A G | |
| PITTSBURGH | |
| LOCATION | |

| 0.184 | DAILY TOTAL | RADIATION | 44444444 640000000000000000000000000000 | 0.185 | DAILY TOTAL | RADIATION | | 0.187 | DAILY TOTAL | RADIATION | ក្បាបក្រកួតក្រ ក្រកួតក្រកួតក្រកួ ក្រកួតក្រកួតក្រកួត |
|----------|-------------|-----------|---|------------|-------------|-----------|---|-----------------|-------------|-----------|---|
| X Ö | | 20 | 00000000 | ΚĎ | | 2 | | XD: | | | 00000000 |
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| 30 MINUTES |
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| 40 DEGREES |
| LATITUDE |
| PA |
| PITTSBURGH |
| LOCATION |

| 0.187 | DAILY TOTAL | RADIATION | WWWWWWAAA WWWWWWA WWWAWWA | 0.187 | DAILY TOTAL | RADIATION | 4444444 7.999 8.999 1.577 1.57 | 6.187 | DAILY TOTAL | AT | 80898888888888888888888888888888888888 |
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| | 0.186 | DAILY TOTAL | RADIATION | GRANAWAWW WANAWAW WANAWAWAWA | 9.182 | DAILY TOTAL | RADIATION | 20000000000000000000000000000000000000 | 0.125 | DAILY TOTAL | RADIATION | 22 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | |
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LOCATION WILKES-BARRE-SCRANPA LATITUDE 41 DEGREES 20 MINUTES

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| | 0.184 | DAILY TOTAL | RADIATION | 4444444 200440000 741040000000000000000000000000000000000 | 0.185 | DAILY TOTAL | RADIATION | NNN44444N 00000000000000000000000000000 | 0.187 | DAILY TOTAL | RADIATION | พพพพพพพ พพ พพ พพ พพ พพ พพ พพ พ พ พ พ พ | |
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| E \$ | | | | | | | 19 | | | | 19 | | |
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| | 0.187 | DAILY TOTAL | RADIATION | NNNNNNN44 NNN4, NNN NNN NNN NNN NNN NNN | 0.187 | DAILY TOTAL | RADIATION | 4464444 7.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0 | 0.187 | DAILY TOTAL | RADIATION | W444444 | |
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| s 20 | 9.0 | | 17 | 200000000000000000000000000000000000000 | 9.6 | | 17 | 00.177 | 4.0 | | 17 | | |
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| | 0.187 | DAILY TOTAL | RADIATION | 28888888888888888888888888888888888888 | 0.182 | DAILY TOTAL | RADIATION | 11.0000000 5.10000000 6.0000000000000000000000000000 | 0.180 | DAILY TOTAL | RADIATION | 11.57.00 1.657.00 1.993.00 1.993.00 |
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| 44 MINUTES |
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| 41 DEGREES |
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| 0.182 | AILY TOTAL | RADIATION | 22.23 22.24 22.34 22.55 22.55 25.55 26.11 | 0.183 | MILY TOTAL | RADIATION | 00000000000000000000000000000000000000 | 0.183 | MILY TOTAL | RADIATION | 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 |
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| 44 MINUTES | |
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| | 0.185 | DAILY TOTAL | RADIATION | գգգգգգգ գգգգգգգ ԱԳՆՆ ԱԳՆԵ ԱԳԳԳ ԱԳԳԳ ԱԳԳԳ Ա | 0.186 | DAILY TOTAL | RADIATION | RESERVED TO SERVED 0.187 | DAILY TOTAL | RADIATION | พุพพพพพล พุพพล พุพพล พุพธพุพพ |
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| | 0.187 | DAILY TOTAL | RADIATION | មេមមេមេមេមេម ភេទស្រុមមេ ភេទស្រុមមេម ភេទស្រុមមេខ | 0.187 | DAILY TOTAL | RADIATION | 4444444 6464 6464 6464 6464 6464 6464 | 0.187 | DAILY TOTAL | RADIATION | W4444444 81114444444 11444688641 |
|---------|--------|-------------|-----------|--|--------|-------------|-----------|--|--------|-------------|------------|---|
| | KD: | | N | 000000000 | X O | | 20 | 00000000 | KD: | | 20 | 000000000 |
| ES | | | | | | | | 00000000 | | | | 00000000 |
| MINUT | 7.5 | | 18 | 1 000000000000000000000000000000000000 | 77 | | | 000000000000000000000000000000000000000 | 81 | | 18 | |
| 55 | 4.0 | | 17 | | 4.0 | | 17 | | 4.0 | | 17 | |
| GREES | | | 16 | 00000000000000000000000000000000000000 | •• | | 16 | 00000000000000000000000000000000000000 | •• | | ~ | 20.00 20.00 20.00 20.00 20.00 20.00 20.00 |
| 41 DE | X | | 15 | | KT | | | 00000000000000000000000000000000000000 | X | | 15 | 000000000000000000000000000000000000000 |
| UDE | | ATION | 14 | | | ATION | 14 | | | ATION | 7.4 | |
| LATIT | .20 | RADI | 13 | | .20 | RADI | 13 | ni o o o o o o u u | .20 | RADI | 13 | 000000000 1 |
| RI | TY: 0 | SOLAR | 12 | 00000000 1 | 7Y: 0 | SOLAR | ~ | 00000000 00000000 00000000000000000000 | 1Y: 0 | SOLAR | 12 | 00000000000000000000000000000000000000 |
| | CTIVI | URLY | 11 | | ECTIVI | OURLY | 11 | n va va va va va va va | ECTIVI | OURLY | 11 | |
| CE | REFLE | HO | 10 | 00000000000000000000000000000000000000 | REFLE | Ħ | 10 | 000000 000000 00000 00000 0000 0000 0000 | REFLE | £ | 0.7 | 00000000000000000000000000000000000000 |
| OVIDENC | | | 0 | 000000 000000 000000000000000000000000 | | | 6 | 00000000000000000000000000000000000000 | | | ٥ | 00000000000000000000000000000000000000 |
| PRO | | | | 00000000000000000000000000000000000000 | _ | | ∞ | 00000000000000000000000000000000000000 | | | 6 0 | 25.00 20.00 |
| OCATION | 11.25 | | ~ | 20.00000000000000000000000000000000000 | 9.90 | | 7 | 0.13 0.13 0.17 0.15 0.15 0.15 | 7.92 | | 7 | 000000000000000000000000000000000000000 |
| 1001 | . HO : | E | • | 00000000 HH0000000 H0000000 | : 0H | E | 9 | 00000000 0000000 0000000 | : OH | = | 9 | |
| | HORIZ | SOUT | S | | HORIZ | SOUTH | | | HORIZ | SOUT | | 000000000 |
| | ~ | TION: | 4 | | •• | TION: | | | 6 | TION: | | |
| | MONTH: | ORIENTA' | ; | - 1 | MONTH: | ORIENTA' | = | 60.00000000000000000000000000000000000 | MONTH: | ORIENTA | ; | 25.00 25.00 25.00 25.00 25.00 550.00 |

| · | 0.187 | DAILY TOTAL | RADIATION | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 0.184 | DAILY TOTAL | RADIATION | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 0.182 | DAILY TOTAL | RADIATION | 22222211111 222222212 24788212 |
|----------|-------|-------------|-----------|--|---------|-------------|-----------|--|--------|-------------|-----------|--|
| | χÖ | | 20 | 00000000 | KĐ: | | 20 | 00000000 | ΚĎ | | 20 | 00000000 |
| TES | | | 19 | 000000000 | | | 19 | | | | 19 | |
| MINUTE | 489 | | 18 | 00000000 | 411 | | 18 | 00000000 | 379 | | 18 | |
| ES 44 | 6 | | 17 | | 6 | | 17 | | | | 17 | |
| DEGREE | KT: | | 16 | 204027888 00000000 00000000 1 | KT: | | 16 | 76 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | KT: | | 16 | |
| 41 | _ | NO | 1.5 | | - | NO | 15 | 20000000000000000000000000000000000000 | _ | NO | | 00000000 |
| ITUDE | | DIATIO | | 00000000000000000000000000000000000000 | | DIATI | 14 | Namamamam | | DIATI | 14 | |
| LAT | 0.20 | AR RA | 13 | | 0.20 | AR RA | 13 | OUQHW4N/V | 0.20 | AR RA | - | |
| RI | VITY: | SOL | 12 | | IVITY: | 201 | | | IVITY: | Y SOL | | WV-HW4-0V-0V-0 |
| | LECTI | HOURLY | 7 | | Fl ecti | HOURLY | 11 | WV-1040 | FLECTI | HOURL | 11 | MNH-08-1/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2 |
| DVIDENCE | REFL | | 7 | ************************************ | REF | | 9 10 | N& L N N A N A N A N A N A N A N A N A N A | REF | | 7 | |
| ROVIE | | | | 22 0 | | | • | | | | | |
| NO NO | .84 | | | | .12 | | ~ | | 84. | | | |
| LOCATION | HO: 5 | | 9 | 00000000 | 9: 4 | | 9 | | 0: 3 | | 9 | |
| - | | SOUTH | | | IZ. H | SOUTH | 2 | 00000000 | 11Z. H | SOUTH | | 00000000 |
| | HORIZ | | s. | 00000000 | HORIZ | | J | 00000000 | HORIZ | •• | | 00000000 |
| | : 10 | FATION | | | : 11 | FATION | | | : 12 | ration. | | |
| | MONTH | ORIENT | į | 44000000000000000000000000000000000000 | MONTH | ORIENT | | - IL | MONTH | GRIENTA | i | 11 L 1 |

| | 0.184 | DAILY TOTAL | RADIATION | 00000000000 50000000 5000000000 | 0.185 | DAILY TOTAL | RADIATION | BBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB | 0.187 | DAILY TOTAL | RADIATION | 4444444 946,4444 946,444 966,444 |
|----------|--------|-------------|-----------|---|---------|-------------|-----------|--|--------|-------------|-----------|---|
| | ξĐ | | 20 | | Ä. | | | 00000000 | KD: | | | |
| res | | | 19 | 00000000 | | | 19 | | | | | 00000000 |
| MINUTES | 15 | | 18 | | 32 | | 18 | | 72 | | | |
| 54 | 4. | | 17 | | 9.0 | | 17 | 0.00 0.00 0.00 0.00 0.00 0.00 70 | 9.0 | | 17 | |
| EGREES | | | 16 | | •• | | 16 | | •• | | 9 | 000000000000000000000000000000000000000 |
| 32 DE | KT | | 15 | 00000000000000000000000000000000000000 | X | | - | 000000000000000000000000000000000000000 | K | | _ | 000000000000000000000000000000000000000 |
| agn. | | ATION | 14 | 000000000000000000000000000000000000 | | ATION | 14 | W4444444 W0004677460 | | ATION | 14 | 00000000000000000000000000000000000000 |
| LATIT | .20 | RADI | | 000000000000000000000000000000000000 | .20 | RADI | 13 | | .20 | RADI | 13 | |
| SC | TY: 0 | SOLAR | - | 00000000 1 | TY: 0 | SOLAR | $\vec{-}$ | | 1Y: 0 | SOLAR | 12 | |
| | CTIVI | HOURLY | | 000000000000000000000000000000000000000 | INI | HOURLY | 11 | ֏ ֏ഗഗഗഗഗഗഗ ֏Ց ചഗൗഗഗഗ | ECTIVI | HOURLY | 11 | 2000000000 2000000000 20000000000 |
| 108 | REFLE(| 9 | 10 | 00000000000000000000000000000000000000 | REFLECT | 9 | 10 | 00000000000000000000000000000000000000 | REFLE | 9 | 10 | |
| ARLEST | | | 6 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | • | 000000000000000000000000000000000000 | | | ٥ | 00000000 |
| CHA | | | | 000000000000000000000000000000000000000 | | | *0 | | | | 80 | 000000000000000000000000000000000000000 |
| LOCATION | 5.65 | | | | 7.26 | | 7 | 0000000 000000000000000000000000000000 | 8.94 | | ~ | |
| LOCA | H0: | . | 9 | | H0 | ≖ | | 00000000 | : OH | æ | 9 | |
| | HORIZ. | SOUT | Ŋ | | HORIZ. | SOUTH | 'n | 000000000 | HORIZ. | SOUTI | Ŋ | 000000000 |
| | _ | : NOI | æ | | ~ | ION: | 4 | 99990000 000000 | m | TION: | | 000000000 |
| | MONTH: | ORIENTAT | ; | 7117 10.00 20.00 30.00 50.00 60.00 | MONTH: | ORIENTAT | | 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | HINOM | ORIENTAT | | -11 |

| | 0.185 | DAILY TOTAL | RADIATION | លល់បល់លំលំង ក្នុងប្រក្នុង ក្រុងក្នុងក្នុង | 0.185 | DAILY TOTAL | RADIATION | NUNNUNU44 \$\$\dots\dots\dots\dots\dots\dots\dots\dots | 0.188 | DAILY TOTAL | RADIATION | NUNUNUA48 87.84.00827 44.408488 |
|----------|-------------|-------------|-----------|---|--------|-------------|-----------|---|--------|-------------|-----------|---|
| | ΚĎ | | 20 | 0000000 | Ř | | 20 | 00000000 | χĎ | | | 000000000 |
| ES | | | 19 | | | | | | | | 19 | |
| MINUTE | 23 | | 18 | | 18 | | 18 | 000000000000000000000000000000000000000 | 0.1 | | | 000000000000000000000000000000000000000 |
| 54 | 0.5 | | 17 | 24.1.1.1.2.1.2.1. | 0.5 | | 17 | 00000000000000000000000000000000000000 | 0.5 | | 17 | |
| GREES | | | 16 | NWWWWWWW AAUUAWWAA | •• | | 16 | 20000000000000000000000000000000000000 | •• | | 16 | 2000000000000000000000000000000000000 |
| 32 DE(| KT | | 15 | WWWWW4444 OHHW0&840 | X | | 15 | 000000 | X | | 15 | 505544455 616574444 |
| | | ATION | | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | ATION | 14 | 84848 8486 8486 8486 8486 8486 8486 848 | | ATION | 14 | ᲠᲠᲠᲡᲡᲡᲡᲡᲐᲑ ഗഗദരാർക്കെ |
| .ATITUDE | .20 | RADIA | | 0.53 0.71 0.72 0.63 0.63 0.63 0.63 | .20 | RADI | 13 | 77799999 040989468 | .20 | RADI | 13 | 0000000000 0000000000000 |
| 20 | 1Y: 0 | SOLAR | 12 | OMMM040 | TY: 0 | SOLAR | 12 | 566801232 5168801232 | TY: 0 | SOLAR | 12 | |
| • | CTIVI | OURLY | 11 | 97777999 801009788 | CTIVI | HOURLY | 11 | 77779 7468 7468 | CTIVI | OURLY | 11 | 3 64666644 8876848446 |
| NO | REFLE | 2 | 10 | 1 48624644 | REFLE | HOH | 10 | ^ | REFLE | H | 10 | 00000000000000000000000000000000000000 |
| RLESTON | | | 0 | 000000000 | | | 6 | MMMOP89H9 | | | 6 | 000000 000000 0000000 0000000 000000 |
| CHA | | | | | | | | 00000000000000000000000000000000000000 | | | •0 | 000000000000000000000000000000000000000 |
| TION | 10.45 | | ^ | 246678890 | 11.31 | | | 00.23 | 11.60 | | 7 | 00.23 |
| LOCATION | <i>:</i> 0H | Ŧ | | 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | HQ: | I | | 00000000 | : OH | I | 9 | 00.00 |
| | HORIZ. | SOUT | 'n | | HORIZ. | SOUTH | | 00000000 | HORIZ. | SOUTH | Ŋ | |
| | 4 | ION: | | | iU. | 110N: | | 000000000 | 9 | :NOI | 4 | |
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| 54 MINUTES |
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| 54 |
| DEGREES |
| 32 |
| LATITUDE |
| ၁၄ |
| CHARLESTON |
| LOCATION |
| |

| 8 8 7 E | DAILY TOTAL | RADIATION | NNNNNN44N 44NNNOØ40 7400478NO | 0.187 | DAILY TOTAL | RADIATION | | 0.188 | DAILY TOTAL | RADIATION | \$\$\$\$\$ \$\delta\del |
|---|-------------|-----------|--|--------|-------------|-----------|---|-----------|-------------|-----------|--|
| | | 20 | | KD: | | | | KD: | | | |
| 3 | | | | | | 19 | 000000000 | | | ~ | |
| 502 | i | 18 | 000000 000000 0000000 000000 | 82 | | 18 | 00000000 | 95 | | 18 | |
| ֓֞֞֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓ | • | 17 | 0.13 0.13 0.13 0.13 0.13 0.13 | 4. | | 17 | | 4.0 | | 11 | |
| EGREE. | | - | 00.37 00.35 00.35 00.22 00.22 00.22 | | | 16 | mmmmma. | <u>:</u> | | 16 | |
| אל אַר אַר אַר | | 50 | 00000000 00000000 00000000000000000000 | 2 | z | 15 | 4444444M | Z | ~ | _ | 00000 44.00 44.44.00 14.44.00 |
| 100 | IATION | 14 | | | A710 | 14 | | | IATION | 14 | 20.00 20.00 20.00 20.00 20.00 20.00 |
| 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | RAD | 13 | 00000000 0000000 00000000 000000000000 | 0.20 | R RADI | 13 | | 0.20 | R RADI | | 000000 000000 000000 000000 |
| ۔ 1 کر: | Z | ~ | 00000000 0000000 000000000000000000000 | ITY: (| SOLA | 12 | 0000000 000000 000000 000000 000000 | ITY: (| SOLAI | 12 | 0.00 |
| FCTTU | OURLY | 11 | | ECTIV | HOURLY | 11 | 0000000 0000000 0000000000000000000000 | ECTIV | OURLY | 11 | |
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| 44 L L L | | | 0000000 0000000 0000000000000000000000 | | | 6 | 000000 00000 00000 00000 00000 | | | 6 | 00000 44444 118487 |
| 5 | | €0 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ~ | | 40 | 00000000000000000000000000000000000000 | 40 | | | 00000 78655 78665 |
| מין ני | • | | 0.120 | 10.3 | | | 001178 | 80 | | ~ | 100000 |
| | H. | • | 000000000000000000000000000000000000000 | . HO: | Ŧ | _ | 00000000 | . HO: | #. | • | |
| HOPTA | SOUT | | | HORIZ | SOUT | ŀΩ | | HORIZ | SOUT | 'n | 00000 |
| ~ | TION: | | | •0 | TION: | | 00000000 | ٥ | TION: | | |
| MINOM: | 7 | - | 417- 10.00 225.00 336.00 40.00 60.00 60.00 | MONTH: | ORIENTA | ; | 60000000000000000000000000000000000000 | MONTH: | ORIENTATI | • | 20000000000000000000000000000000000000 |

| | 0.184 | DAILY TOTAL | RADIATION | W4444444 | 0.184 | DAILY TOTAL | RADIATION | 000004444 64864004044 400804000 | 0.186 | DAILY TOTAL | RADIATION | 00000000000000000000000000000000000000 |
|----------|-----------|-------------|-----------|--|-------------|-------------|---------------|---|----------|-------------|-----------|---|
| | KD: | | 20 | 000000000 | K D : | | 20 | 55655556 | χ Ω | | | |
| TES | | | ~ | 00000000 | | | | 00000000 | | | 7 | |
| MINUTE | 525 | | ~ | 00000000 | 525 | | 18 | 0000000 | 453 | | 18 | 00000000 |
| S 54 | • | | - | | | | 17 | | 6 | | 17 | 00000000 |
| DEGREE | :- | | 16 | | ;; | | 16 | 000000000000000000000000000000000000000 | ÷ | | 16 | |
| 32 D | × | z | 15 | | × | 2 | 15 | 00000000000000000000000000000000000000 | × | z | ~ | 00000000 |
| ATITUDE | | IATION | 14 | | | IATION | 14 | 00000000 W44000000 844000000 | | IATIO | 14 | |
| LATI | 0.20 | R RADI | 13 | | 0.20 | R RAD | 13 | 200000 200000 200000 200000 | 0.20 | R RAD | 13 | |
| SC | 17: | SOLA | 12 | 100000000 | ITY: | SOLA | $\overline{}$ | 20000000000000000000000000000000000000 | ITY: | SOLA | 12 | 1 1 0 0 0 0 0 0 0 0 0 1 0 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| | EFLECTIVI | HOURLY | 11 | | FLECTIV | HOURLY | 11 | | ECTIV. | OURLY | 11 | |
| TON | REFL | I | 10 | 00000000 | REFL | I | 10 | 00000000000000000000000000000000000000 | REFL | Ì | 7 | 00000000000000000000000000000000000000 |
| ARLESTON | | | 0 | 00000000 | | | • | 00000000000000000000000000000000000000 | | | • | 000000000000000000000000000000000000000 |
| 3 | 9 | | •0 | 00000000 | ~ | | | 00000000 | 5 | | *0 | 000000000000000000000000000000000000000 |
| OCATION | 7.16 | | 7 | 000000000000000000000000000000000000000 | 5.6 | | | | 5.0 | | | 00000000 |
| 201 | . HO: | Ξ | | 000000000 | . HO: | H | _ | 000000000 | . HO: | 1TH | • | 000000000 |
| | HORIZ | SOUTH | | | HGRIZ | SOUTH | | 000000000 | HORIZ | SOUTH | | 888888888 |
| | 10 | TION: | | | 11 | TION | | | 12 | TION: | 4 | |
| | HONTH: | ORIENTATI | i | 7111 0.00 20.00 30.00 50.00 60.00 | MONTH: | ORIENTA | i | 222.00 325.00 325.00 60.00 60.00 60.00 | HONTH: | ORIENTA | i | 220.00 20.00 30.00 35.00 50.00 50.00 |

| | 0.185 | ILY TOTAL | ADIATION | AGENTEMENTE TILOMONAAA PUULBASS | 0.186 | ILY TOTAL | ADIATION | NWWWWAAAW NWWWAAAA NWWWAAA | 0.187 | ILY TOTAL | RADIATION | |
|----------|------------|-----------|----------|---|-----------|-----------|----------|--|---------|-----------|-----------|---|
| | KD: | DA | N 1 | | KD: | DA | ~ | | Ë | YQ | 20 | |
| ES | | | 19 | | | | - | . | | | 19 | |
| MINUT | 38 | | 18 | 00000000 | 25 | | 18 | | \$ | | 18 | |
| 57 | 4.0 | | 17 | | 4.0 | | 17 | | 9.6 | | 17 | |
| GREES | ·· | | 76 | 00000000 | <u>:</u> | | 16 | 80.00000000000000000000000000000000000 | • | | 16 | 98949899999999999999999999999999999999 |
| 33 DE | X | _ | 15 | | 7 | _ | 15 | 90000000 9000000 900000000 900000000 | \$ | _ | 15 | 000000000 2444444400 |
| TURE | | DIATION | 14 | | | IATION | | 80000000 4444444 644444444 | | ATION | - | |
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| SC | ITY: (| SOLA | ~ | 200000000 2000000000000000000000000000 | •• | SOLA | 12 | | 11Y: (| SOLAF | ~ | |
| | FLECTIV | HOURLY | 11 | | LECTIVITY | HOURL Y | 11 | | ECTIV | HOURLY | 11 | |
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| 00 | e 0 | | •0 | acccccr accccccr aududdau | 8 | | • | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | m | | •• | 200000000000000000000000000000000000000 |
| LOCATION | 5.4 | | | 1 00000000 | 7.1 | | 7 | | ₩. | | 7 | 00000000 |
| 707 | . HO: |)TH | | 80899988 | . HO: | SOUTH | • | 000000000 | :. HO:: | HTUO | • | |
| | HORIZ | SOUTI | | | HORIZ | SOL | 'n | 000000000 | HORIZ | SOL | | 000000000 |
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| | 0.184 | DAILY TOTAL | RADIATION | 5.50 | • | ų, u | ,4 | ~ | 6 | 7. | 0.184 | DAILY TOTAL | RADIATION | • | . c. | * | `. | | 7 | 4.71 4.15 | : | 0.184 | DAILY TOTAL | RADIATION | ۳. | | 1-1 | חייו | 7 | 0 |
|---------|---------|-------------|-----------|------|-------|------|----------|------|------------|--------------|--------|-------------|-----------|------------|------|-----------|-----|-----------------|-----|--------------|----------|------------|-------------|-----------|------------|------------|-----|------------|------|-----|
| | KD: | | 20 | | | • | | | • | • | KD: | | 20 | i | | | • | | | 0 G | • | KD: | | | | - o - o | • | | | |
| ES | | | | 0.0 | | • | | • | • | • | | | - | ı | | | • | | • • | e e | • | | | 5 | | | • | 90 | 9.0 | |
| PINUTE | 62 | | 18 | | 9 | 9 | 9 | 0 | 9.0 | • | 28 | | 18 | ; < | • | 0 | 9. | 9 0 | 9 | . O. C. | • | 8 8 | | 13 | | | 9 | 9.0 | 9.0 | |
| 57 | 0.52 | | | 20 | 6 | | " | . 16 | 1,4 | 71. | 0.5 | | 17 | ! ! ! (| 25 | 25 | 25 | 18 | 17 | *:- | : | 0.5 | | 17 | . 26 | 0.23 | 25 | 19 | .17 | 107 |
| DEGREES | | | ~ | 36 | | 25. | 3 17 | 33 | 30 | ÿ. | •• | | | | | 80 | .37 | 9 | | 9.29 |) | | | 16 | . 41 | 0.4.0 | .37 | | 25. | 2,0 |
| 33 DEC | KT | | 15 | . S | 52 | 25 | 9.0 | 85 | . 65 | , | × | | 15 | | , 4 | .53 | 25. | 9 6 | 43 | 0.43 | <u>.</u> | K | | 15 | .55 | 9.54 | .52 | 2.4 | 95 | 36. |
| ш | | ATION | 14 | 19 | 9 | .63 | 3 6 | 9. | .57 | 7 6. | | ATION | 14 | ! ! ! | 9 | .64 | 3. | 7 6 | 55. | 0.54 | | | ATION | 14 | .65 | 6.65 | .63 | 9.5 | .57 | 46 |
| LATITUD | .20 | RADI | 13 | 68 | .7. | 7. | 70 | 89 | 9. | Ç. | .20 | RADI | 13 | ! | 72 | .7 | 0. | <u>ک</u> د | 99. | 0.61 | 5 | .20 | RADI | 13 | .71 | ~~ | 2.5 | 9.0 | 9 | .52 |
| 20 | TY: 0 | SOLAR | _ | 22 | 7. | * . | ?? | 7. | .67 | 70. | TY: 0 | SOLAR | 12 | ! ! | 34. | 74 | 27. | 7.0 | 89 | 63 | ? | 1Y: 0 | SOLAR | 12 | .74 | 7 % | .72 | 69 | 6 | 145 |
| | IVI | HOURLY | 11 | 68 | .71 | 7.5 | 7.0 | 89 | 49. | ý | ECTIVI | HOURLY | 11 | | 72 | 7 | 2. | , « | | 61.61 | 5 | FLECTIVI | HOURLY | 11 | 77. | 0.72 | .70 | 63 | 9 | .52 |
| | REFLECT | HO | | 19 | . 6.5 | .63 | 3.5 | . 60 | .53 | ٠. ک | REFLE | 2 | 10 | ! | ب ه | 9 | 9 | <u>.</u> د د | | | | REFLE | H | | . 6 | .65 | 9 | 0 L | 10, | |
| OLUMBIA | _ | | • | | j | ų, n | J. R. | 4 | 4. | * | | | • | : 1 | Ů. | Š | ij | ن م | | 6.43 | ? | | | • | 1 2 | 5.54 | | 2 | • | * M |
| 200 | | | •• | 0.36 | 36 | 5. | 2.2 | , M | 80 | /2. | | | 40 | ! ' | - | . W. | ٠,١ | | . ~ | 0.50 | • | | | • | 0.41 | 4.6 | | , m | 7 | 10 |
| OCATION | 10.40 | | 7 | 0.20 | : -: | ٦. | | - | : : | 7. | 11.32 | | 7 | ; 1 | in | Ņ | 'n | 7. | • | 0.14 | ₹. | 11.62 | | | 1 0 | | N | ~;~ | : =: | 77 |
| LOCA | HO | × | • | 9.04 | 9 | 9.9 | <u> </u> | 0 | - | | 9 | I | 9 | ! ' | 9 6 | 0 | • | 9 0 | 90 | 40.0 | • | H0 | x | • | 0.11 | 0 0 | 0 | <u>د</u> د | : | - |
| | HORIZ. | SOUT | 'n | 0.0 | • • | ٠ | • | | • | • | HOR12. | SOUTH | 80 | | • | | | | | 0.0 | • | HORIZ. | SOUT | | į e | 0.0 | 0 | 9.0 | 0 | 90 |
| | • | TION: | | 00 | | • | ٠ | | • | • | ر د | ION: | - | i | • | | • | | | 00 | • | 9 | : NOI | | | | | • | • • | 90 |
| | MONTH: | ORIENTAT | | 116 | | 5.0 | | . 0 | | D | MONTH: | ORIENTAT | i | 1 | D C | 0.0 | 5.0 | P. C | | 50.00 | - | MONTH: | ORIENTAT | į | 11. 0.0 | 6 6 | 5.0 | 0 r | 0.0 | 90 |

| 1 | • | Y TOTAL | • | พุพพพพพพพ พหาคพพพพ พพพพพพพ พพพพพพพพ | 0.185 | Y TOTAL | IATION | พิพพพพพพพ พิ ๛ พิ ๛ พิพพ พิพพ พิพพ พิพพ พิพพ พิพพ พิพพ พิ | 0.186 | Y TOTAL | | ዹዹዹญญ ญዹዹዹ ፙፙዹፙፙፙፚፙ ዄ፞፞፞፟ፙዄፙዹፙቝፚፙ |
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| | | RADI | | | | DAILY | RADI | | | DAILY | RAD | |
| | X Ö | 5 | | | 2 | | ~ | | ΚĎ | | NI | |
| res | | 13 | | : · - · · - · · · · | | | 19 | | | | ~ 1 | |
| MINUTES | 514 | 38 | | | 520 | | 18 | | 117 | | 28 | |
| | • | 17 | | | | | 17 | | | | 17 | |
| DEGREES | •• | 91 | | | •• | | 16 | | •• | | 16 | 20000000000000000000000000000000000000 |
| 33 DE | K | 15 | | 00000000 00000000000000000000000000000 | K | | 15 | 410 10 10 14 4 4 4 4 4 4 1 | K | | 15 | 44444444444444444444444444444444444444 |
| TTUDE | | RADIATION | | 4646655004 6864650004 6864646 | | NTION | 14 | | | ATION | * | 00000000000000000000000000000000000000 |
| - | .20 | RADI. | | | 20 | RADIATI | 13 | 000000000 0000000000000000000000000000 | 20 | RADI | 13 | 94778778 |
| 20 | | | | | Υ: 0· | SOLAR | 12 | | 'Y: 0. | SOLAR | 12 | 20000000000000000000000000000000000000 |
| ₹, | TIVI | <u> </u> | | 00000000000000000000000000000000000000 | EFLECTIVITY | HOURLY S | 11 | ; <i></i> | EFLECTIVITY | HOURLY S | = | 00000000000000000000000000000000000000 |
| | EFLECTIVI | | | 1 | EFLEC | HOH | | 1 | EFLEC | HOE | 10 | |
| COLUMBIA | e | • | | N.N.N. | æ | | • | 40004444; 600066640 | ~ | | | 44444444 UNAVVVANV |
| 0100 | | • | • | 00000000 | | | •• | nunninnin | | | 80 1 | 8680 M0067 |
| | 1.30 | ~ | 1 | \$200000000 | 0.32 | | | ************************************** | 8.78 | | 7 | are ecope |
| ¥ | 7 2 3 | _ | | | HO: 1 | | | ************************************** | HO: | | • | |
| | HORIZ. | SOUTH | , | 00000000 | HOR12. I | SOUTH | | 00000000 | HORIZ. 1 | SOUTH | 5 | ***** |
| | 운 | | | | #0# | | * | | HOH | •• | | |
| | ^ | 2 | | 400 000000 | • | NOTTO | | ••••• | • | TION | ٠, | 88008088 |
| | MONTH: | ORIENTATIO | = | | MONTH: | DRIENTA | : | | HONTH: | DRIENTA | ı | |

| | F.182 | DAILY TOTAL | RADIATION | 80.40.40.40.60.60.60.60.60.60.60.60.60.60.60.60.60 | 0.183 | DAILY TOTAL | RADIATION | 00 mm 4 4 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 | 0.187 | DAILY TOTAL | RADIATION | 00000000000000000000000000000000000000 |
|---------|---------|-------------|-----------|---|--------|-------------|-----------|--|------------|-------------|-----------|--|
| | KD: | | 20 | 00000000 | KD: | | | 00000000 | KD: | | 20 | 00000000 |
| TES | | | 19 | | | | 19 | | | | 19 | |
| MINUT | 545 | | 3.8 | | 534 | | 78 | • • • • • • • • • | 471 | | 18 | 000000000 |
| 5 57 | 6 | | 17 | 00000000 | - | | 17 | 00000000 | <u>.</u> | | 17 | 00000000 |
| EGREE | :- | | - | 00000000 | Ë | | 16 | 00000000 | : <u>:</u> | | 16 | 00000000 |
| 33 D | × | z | 15 | 00000000 | × | z | 15 | 00000000 | ~ | ž | 15 | 00000000 |
| TITUDE | | IATIO | 14 | 00000000 | | IATIO | ~ | 00000000000000000000000000000000000000 | | IATIO | ~ | 00000000 |
| LATI | 0.20 | RRAD | 13 | 00000000 | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | 0000000 000000 0000000 000000000000000 |
| ၁၄ | ITY: | SOLA | \sim | 00000000 | ITY: | SOLA | ~ | 00000000 | VITY: | SOLA | ~ | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| | ECTIV | OURLY | 11 | 00000000 | ECTIV | OURLY | 11 | 00000000 | ECTIV | OURLY | \vdash | 00000000 |
| ≪ | REFL | x | 10 | 100000000 | REFL | x | 10 | 00000000 | REFL | I | 10 | 100000000 |
| COLUMBI | | | • | 000000 00000 000000 00000000 | | | σ. | 0.35 | | | 6 | 00000000 |
| | <u></u> | | *0 | 000000000000000000000000000000000000000 | 4 | | | 000000000000000000000000000000000000000 | m | | ••• | 000000000000000000000000000000000000000 |
| DCATION | 7.0 | | 7 | 0.05 0.06 0.06 0.07 0.07 0.07 | 5.4 | | | 00000000 | 4.8 | | 7 | 00000000 |
| L00 | . HO: | DUTH | • | 000000000 | . HO: | оптн | • | | : HO: | DUTH | 9 | 00000000 |
| | HORIZ | รอบ | | 00000000 | HORIZ | S01 | | 00000000 | HORIZ | 301 | īŪ | 00000000 |
| | 10 | TION: | | | 11 | TION: | | | 12 | TION: | | |
| | HON1H: | ORIENTA | ; | 717- 0.0 10.0 22.0 30.0 35.0 40.0 60.0 60.0 | MONTH: | ORIENTA | j | 220.00 235.00 330.00 60.00 60.00 | MONTH: | ORIENTA | i | 110 100 200 250 300 350 600 600 600 600 600 600 600 600 600 6 |

| | 0.185 | DAILY TOTAL | RADIATION | 22.22.22.22.22.22.22.22.22.22.22.22.22. | 0.185 | DAILY TOTAL | RADIATION | 88888888888888888888888888888888888888 | 0.187 | DAILY TOTAL | RADIATION | 44444444 |
|---------|--------|-------------|-----------|--|--------|-------------|-----------|---|--------|-------------|-----------|--|
| | χ | | 20 | 00000000 | ΚĐ | | | 00000000 | ΚĎ | | | |
| res | | | 19 | 00000000 | | | 19 | | | | | |
| MINUT | 132 | | 13 | 00000000 | 555 | | 18 | 00000000 | 180 | | | 000000000 |
| 54 | 9.0 | | 17 | | 0.0 | | 17 | | 9.6 | | ~4 | 000000000000000000000000000000000000000 |
| GREES | •• | | 16 | 000000 | | | 16 | | •• | | 16 | 000000000000000000000000000000000000000 |
| 34 DE | KT | | 15 | 00000000000000000000000000000000000000 | KŢ | | - | 000000000 0000000000000000000000000000 | KT | | 15 | 00.000 |
| UDE | | ATION | - | 00000000000000000000000000000000000000 | | ATION | 14 | | | ATION | 14 | |
| LATIT | .20 | RADI | 13 | W44444WW A0W4804000 | .20 | RADI | 13 | | .20 | RADI | 13 | |
| ၁၄ | 1Y: 0 | SOLAR | 12 | | 7Y: 0 | SOLAR | 12 | なららちろうちょうちょうちょう | TY: 0 | SOLAR | | 00000000000000000000000000000000000000 |
| ARTAN | CTIVI | URLY | 11 | 00000000 1 | CTIVI | OURLY | 11 | | CTIVI | URLY | | 000000000000000000000000000000000000 |
| LE-SP | REFLE | H | 10 | | REFLE | 9 | 10 | | REFLE | 9 | 10 | . 2000000 1 4 10 10 10 10 10 10 10 10 10 10 10 10 10 |
| ENVILL | | | 6 | 00000000000000000000000000000000000000 | | | • | 00000000000000000000000000000000000000 | | | 0 | 000000000000000000000000000000000000000 |
| GFE | | | | 000000000000000000000000000000000000000 | | | •• | 7 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | | 00.22 00.22 00.22 00.22 00.23 00.23 00.23 00.23 |
| OCATION | 5.32 | | 7 | 000000000 000000000 | 6.98 | | 7 | 00000000000000000000000000000000000000 | 8.73 | | 7 | 000000000000000000000000000000000000000 |
| LOCA | : OH | × | 9 | | : Он | I | | 00000000 | H0: | I | 9 | |
| | HORIZ. | SOUT | | | IORIZ. | SOUT | 'n | 00000000 | HORIZ. | SOUT | | |
| | - | : NOI | | 00000000 | 2 H | : NOI | | 00000000 | τ π | : NOI | | |
| | MONTH: | ORIENTAT | ; | 250.00 250.00 250.00 350.00 40.00 60.00 | MONTH: | ORIENTAT | ; | 20122222222222222222222222222222222222 | MONTH: | ORIENTATI | ; | T 0 10 10 10 10 10 10 10 10 10 10 10 10 1 |

| 54 MINUTES | |
|----------------------|--|
| 34 DEGREES | |
| LATITUDE | |
| GREENVILLE-SPARTANSC | |
| LOCATION | |

| | 0.186 | DAILY TOTAL | RADIATION | NUNNNUN44 N4N4NUNG4 NBONBOND | 0.186 | DAILY TOTAL | RADIATION | พพพพพพพพ พพพพพพพพพ พพพพพพพพพพ พพพพพพพพพพ | 0.185 | DAILY TOTAL | RADIATION | จ พพพพพพพ •••••••••••••••••••••••••••••• |
|--------|---------|-------------|-----------|---|---------|-------------|-----------|---|---------|-------------|------------|---|
| | KD: | | 20 | | KD: | | 20 | 0000000 | KD: | | 20 | 66666666 |
| ES | | | | 00000000 | | | 13 | 00000000 | | | 19 | |
| MINUT | 217 | | | 00000000 0000000 0440000000 | 512 | | 18 | 0000000 0000000 0000000000000000000000 | 519 | | 18 | |
| 54 | 0 | | | 0.19 0.13 0.13 0.17 0.14 0.15 | 0 | | 17 | 0000000 | 0 | | 17 | |
| GREES | •• | | 16 | | | | 16 | 00000000 www.www.ww.00 vw.vo.vo.vo.vo.vo.vo.vo.vo.vo.vo.vo.vo.vo. | ·• | | ~ 1 | 44mmmmmnn |
| 34 DE | K. | _ | PH 1 | 000000 440000 64444 66000 | × | | 15 | 0000000 0000000 00000 00000 00000 00000 0000 | X | _ | ~ 1 | 00000000 0000000 0000044440 4000044440 |
| TUDE | | ATION | 14 | 00000000000000000000000000000000000000 | | ATION | 14 | | | ATION | 14 | 60000000000000000000000000000000000000 |
| LATIT | 1.20 | RADI | 13 | 00 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 | 1.20 | RADI | 13 | 00000000 0000000 0000000 0000000 | 1.20 | RADI | ~ 1 | 0.70 0.77 0.77 0.56 0.66 0.56 0.56 0.56 0.56 |
| 180 | ITY: 0 | SOLAR | 12 | 0.00 0.00 0.00 0.00 0.00 0.60 0.60 | 17Y: 0 | SOLAR | 12 | 0.70 0.77 0.77 0.77 0.68 0.68 0.68 0.68 0.68 | [TY: 0 | SOLAR | 12 | 0.72 00.73 00.71 00.68 00.668 0.661 |
| PARTAN | ECTIV) | OURLY | 11 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | ECT I V | OURLY | 11 | | ECTIVI | OURLY | 11 | 00000000000000000000000000000000000000 |
| LLE-SI | REFLI | Ĩ | 10 | 0000000 000000 0000000 00000000 | REFL | Ī | 10 | 0000000 662000 662000 662000 662000 | REFLI | Ĩ | 10 | _ |
| EENVI | | | 6 | 00000000 40004444 900088740 | | | | 00000000 00000000 00000000000000000000 | | | | 00000000000000000000000000000000000000 |
| GR | | | * | 00000000 0000000 000000000000000000000 | • | | •0 | 00000000 0000000 000000000000000000000 | 5 | | * | 00.00 00 |
| LION | 10.36 | | 7 | 0.19 0.18 0.18 0.17 0.17 | 11.32 | | ~ | 0.22 0.22 0.23 0.13 0.13 0.11 0.11 | 11.6 | | 7 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 |
| LOCA | H0: | H | 9 | 0.000000000000000000000000000000000000 | : ОН | Ξ | | 00000000000000000000000000000000000000 | HO: | æ | 9 | 0.11 0.00 0.00 0.00 0.00 0.00 0.00 0.00 |
| | HORIZ | Sour | | 00000000 | HORIZ | SOUT | - | 00000000 | HORIZ | SOUT | 5 | |
| | 4 | TION: | | 00000000 | 2 | TION: | | | 9 | TION: | 3 | |
| | MONTH: | ORIENTAL | ; | 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | MONTH: | ORIENTAL | ; | 220 220 220 220 20 20 20 20 20 20 20 20 | MONTH: | ORIENTAI | F | 222.00 325.00 325.00 56.00 66.00 66.00 |

| 54 MINUTES | |
|----------------------|--|
| 34 DEGREES | |
| LATITUDE | |
| GREENVILLE-SPARTANSC | |
| LOCATION | |

| 0.186 | AILY TOTAL | RADIATION | | 0.185 | AILY TOTAL | RADIATION | NNUNUNU44 N4N4NNUN44 N4O4000 | 0.187 | AILY TOTAL | RADIATION | 4444444 47.8.0.0.4.4 47.8.0.0.0.4 47.8.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0. |
|--------|------------|-----------|---|--------|------------|------------|---|--------|------------|-----------|---|
| KD: | Δ | 20 | 00000000 | KD: | A | | 00000000 | KD: | Ð | 20 | 00000000 |
| 3 | | | 00000000 | | | ~ (| | | | | |
| 22 | | | 00000000 00000000 00000000 | 21 | | 18 | 00.00 00.00 00.00 00.00 00 00 00 00 00 0 | 10 | | 138 | |
| 6.5 | | ~ | 00.20 | 0.5 | | 17 | 00.13 | 0.5 | | 17 | 0000000 |
| | | - | 000000 000000 000000000000000000000000 | •• | | 16 | | | | 16 | |
| ST EX | | 2 | 00000000000000000000000000000000000000 | Κ | | | 40000000000000000000000000000000000000 | KT | | 1 | 44444444 445665446 |
| 7 | ATION | 14 | 00000000 00000000 00000000000000000000 | | ATION | 7 4 | 000000000000000000000000000000000000000 | | ATION | 14 | ក្រាក្រក្សាក្រក្សាក្រ ស្រាក្សាក្រក្សាក្រក្សាក្រ ស្រាក្សាក្រក្សាក្រក្សាក្រក្សាក្រក្សាក្រក្សាក្រក្សាក្រក្សាក្រក្សាក្រក្សាក្រក្សាក្រក្សាក្រក្សាក្រក្សាក្រក្សាក្រ |
| .20 | RADI | 13 | 00000000000000000000000000000000000000 | .20 | RADI | M) | 00.00 00 | .20 | RADI | 13 | 000000000000000000000000000000000000000 |
| | SOLAR | 12 | 00.72000.72000.688900.551 | TY: 0 | SOLAR | 2 | 000000000000000000000000000000000000000 | TY: 0 | SOLAR | | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| CTIVI | HOURLY | 11 | 000000 000000 00000000 000000000000000 | CTIVI | OURLY | 11 | 00.00 00 | CTIVI | URLY | 11 | – – – – – |
| REFLE | H | 10 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | REFLE | 9 | 10 | 000000000000000000000000000000000000000 | REFLE | НО | 10 | |
| | | 0 | 000000 000000 00000000 000000000000000 | | | 6 | 000000 00000 00000 0000 0000 0000 0000 0000 | | | 6 | 000000 4444 6444 6444 6444 6444 6444 64 |
| | | ∞ | 0000000 00000000 000000000000000000000 | | | ∞ । | 00 00 00 00 00 00 00 00 00 00 00 00 00 | | | €0 | 00.30 |
| 11.30 | | 7 | 00.22 | 10.28 | | 7 | 00.18 00.18 00.16 00.15 00.15 | 8.68 | | ^ | |
| . HO: | Ŧ | 9 | 00000000000000000000000000000000000000 | . но: | E | 9 | 00000000000000000000000000000000000000 | . HO: | ± | | |
| HORIZ | SOUTI | 1 | 00000000 | HORIZ | SOUT | 1 | | HORIZ | SOUTH | 2 | |
| ^ | TION: | 4 | 000000000 | ø | TION: | | | 6 | TION: | 5 | |
| MONTH: | ORIENTA | - | 255.00 350.00 350.00 350.00 50.00 | MONTH: | ORIENTA | _ | 10.00 225.00 325.00 435.00 60.00 | MONTH: | ORIENTAL | _ | 200 200 200 200 200 200 200 200 200 200 |

| 54 MINU |
|----------------------|
| 34 DEGREES |
| LATITUDE 3 |
| GREENVILLE-SPARTANSC |
| ATION |

| 0.182 | AILY TOTAL | RADIATION | N4444444 VII.0.0.0.0 VIV.0.0.0.0 VIV.0.0.0.0.0 VIV.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0. | 0.184 | AILY TOTAL | RADIATION | VWWW4444 VYVWOUVWW VAVWOUVAW | 0.186 | AILY TOTAL | RADIATION | 20000000000000000000000000000000000000 |
|---------------------|------------|-----------|---|----------------|------------|-----------|---|---------|------------|-----------|---|
| KÖ: | Ã | | 00000000 | KD: | 70 | 20 | 00000000 | KD: | 70 | 6 | 00000000 |
| TES | | 19 | 00000000 | | | _ | 00000000 | | | 19 | 00000000 |
| MINUTES 541 | | 13 | | 526 | | | | 453 | | 18 | |
| s 54 0. | | 17 | | | | 17 | 00000000 | | | 17 | |
| DEGREE' Kt: | | 16 | | :: - | | | 0.14 0.14 0.18 0.20 0.22 0.22 0.22 | :: | | | 000000000000000000000000000000000000000 |
| 34 D | z | 15 | 00000000 00000000 00444444 400000000 | × | z | 15 | 00000000000000000000000000000000000000 | × | z | 15 | |
| ITUDE | IATION | 14 | | | IATID | | 000000000 0444000000 0000000000 | | IATIO | 14 | |
| LATI | AD | 13 | 1000000000 100000000 10000000000000000 | 0.20 | R RAD | 13 | 20000000000000000000000000000000000000 | 0.20 | R RAD | 13 | |
| NSC ITY: | SOLA | 12 | 0.56 0.62 0.70 0.72 0.72 0.72 | ITY: | SOLA | 12 | 9.00 9.00 9.00 9.00 9.00 9.00 9.00 9.00 | ITY: | SOLA | ~ | 00000000 W444WWWWW |
| ARTA CTIV | OURLY | 11 | | ECTIV | OURLY | 11 | 2000000 200000 2000000 2000000 | ECTIV | OURLY | 11 | 000000000 W4444WWWW 404680HWW |
| LLE-SP. REFLE | I | 10 | | REFL | I | 10 | 0000000 000000 000000 00000000 | REFL | Ī | 10 | 00000000 00000000 00000000000000000000 |
| EENVI | | • | 00000000 00000000 0000000000000 00000000 | | | • | 00000000000000000000000000000000000000 | | | 6 | 00000000000000000000000000000000000000 |
| GR. | | •• | 2000000 200000 200000 200000 200000 | •• | | •0 | 00.114 00.128 00.22 00.22 | 7 | | • | 000000000 0000000000000000000000000000 |
| LOCATION HO: 6.8 | | | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 5.2 | | ~ | 000.000 | 4.6 | | 7 | 00000000 |
| . HO: | | • | | HO: | TH. | • | 00000000 | . HO: | H | 9 | |
| HORIZ | SOUT | 'n | | HORIZ | SOUTI | Ŋ | | HORIZ | SOUTH | 2 | 00000000 |
| 10 | TION: | J | 00000000 | 11 | TION: | • | 00000000 | 12 | TION: | | 00000000 |
| MONTH: | ORIENTA | | 71 | MONTH: | ORIENTAL | i | 200 200 300 300 400 600 600 600 600 600 | M. NTH: | ORIENTAI | ; | 71L7 10.00 20.00 35.00 35.00 50.00 |

| | 0.184 | DAILY TOTAL | RADIATION | | 0.184 | DAILY TOTAL | RADIATION | 00000000000000000000000000000000000000 | 0.186 | DAILY TOTAL | RADIATION | 889444444 889444444 8894444 88888 |
|----------|--------|-------------|-----------|---|--------|-------------|-----------|---|--------|-------------|------------|--|
| | KD: | | 20 | | χΩ | | 20 | | KD: | | | 00000000 |
| res | | | 19 | | | | 19 | | | | 19 | |
| MINUT | 416 | | 18 | 00000000 | 425 | | 18 | 00000000 | 460 | | 18 | |
| 23 | 0. | | 17 | 00000000 | | | 17 | | 9. | | 17 | |
| GREES | •• | | 16 | | | | 9 | 0.11 00.13 00.15 00.17 0.18 | •• | | 16 | กดเกตเกตเก |
| 44 DE | K | | 15 | 000000000000000000000000000000000000000 | X | | | 000000000000000000000000000000000000000 | X | | 15 | |
| NDE | | ATION | 5 | 0000000 000000000000000000000000000 | | ATION | 14 | MMMMAAAAA | | ATION | 74 | |
| LATITUDE | .20 | RADI | ~ | 0000000 000000000000000000000000000 | .20 | RADI | 13 | | .20 | RADI | 13 | 00000000000000000000000000000000000000 |
| SD | TY: 0 | SOLAR | 12 | 1 00000000 1 00000000 1 000000000000000 | TY: 0 | SOLAR | 12 | 000000 00000 00000 00000 00000 | TY: 0 | SOLAR | 12 | 20000000000000000000000000000000000000 |
| | CTIVI | DURLY | 7 | | CTIVI | HOURLY | 11 | 00000000000000000000000000000000000000 | CTIVI | OURLY | ~ | เล่าเก็บเก็บเก็บ |
| | REFLE | H | 7.0 | | REFLE | H | 10 | 00.00 00.33 00.44 00.45 | REFLE | H | 20 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| NO | | | 6 | 00000000 11111111111111111111111111111 | | | 0 | 00.22 00.23 00.23 00.33 00.33 00.33 | | | 1 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| HURON | | | €0 | 0000000 0000000 0000000000000000000000 | | | | 00 113 00 115 00 115 00 118 188 | | | Ø | 00000000000000000000000000000000000000 |
| OCATION | 3.70 | | ~ | 00000000 | 5.53 | | | | 7.63 | | r ~ | 000000000000000000000000000000000000000 |
| 1001 | . HO: | Ξ | 9 | 00000000 | : НО: | E | • | | . OH | æ | • | |
| | HORIZ | SOUTH | - | 000000000 | HORIZ | SOUTH | ĸ | 00000000 | HORIZ | SOUT | 'n | |
| | ~ | 10N: | 4 | 00000000 | 8 | ION: | 4 | 00000000 | m | ION: | 4 | |
| | MONTH: | ORIENTAT | _ | 110 0.0 0.0 220.00 330.00 50.00 60.00 | MONTH: | ORIENTAT | - | 220.00 220.00 330.00 50.00 60.00 | MONTH: | ORIENTAT | | 110.30 220.00 30.00 35.00 40.00 50.00 |

| | 0.188 | DAILY TOTAL | RADIATION | 4 R R R R R R R R R R R R R R R R R R R | 0.184 | DAILY TOTAL | RADIATION | N | 0.179 | DAILY TOTAL | RADIATION | ឧឧឧឧឧឧឧ ឧឧ ឧឧ ឧឧ ឧ ឧ ឧ ឧ ឧ ឧ ឧ ឧ ឧ ឧ ឧ |
|---------|---------|-------------|-----------|--|----------|-------------|-----------|---|--------|-------------|-----------|--|
| | KD: | | | 00000000 | KD: | | | 00000000 | KD: | | | |
| 'ES | | | | 00000000 | | | 3.9 | 00000000 | | | 6 1 | 00000000000000000000000000000000000000 |
| MINUTE | 693 | | 13 | 00000000 000000000 0000000000 | 123 | | 13 | 0.113 0.113 0.009 0.009 0.009 0.009 | 999 | | 138 | |
| 53 | 4.0 | | 17 | | 6.5 | | 17 | 0.22 0.22 0.22 0.22 0.22 0.23 0.23 | 0.5 | | 17 | 0.25 0.25 0.25 0.25 0.15 0.15 |
| EGREES | | | 16 | 00000000000000000000000000000000000000 | <u>:</u> | | 16 | 04-0 04-0 04-0 0-3-3-3 0-3-3-3 0-3-3-3 0-3-3-3 0-3-3-3 0-3-3-3 0-3 | •• | | 16 | |
| 44 DE | K | _ | 15 | 00 444 774 774 774 774 774 774 774 774 7 | Z | - | 15 | | Ξ | z | | |
| TITUDE | | IATION | 14 | 00000000 00000000 000000000 00000000 | | IATION | 14 | 0.61 0.65 0.65 0.65 0.65 0.55 0.55 0.55 | | IATION | 14 | 000000 00000 00000 00000 00000 00000 0000 |
| LATI | 0.20 | R RAD | 13 | 00000000 0000000 0000000 00000000 000000 | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | 0.75 0.75 0.75 0.75 0.75 0.75 |
| SD | ITY: | SOLA | 12 | 00000000 | ITY: (| SOLA | 12 | | ITY: | SOLAI | 12 | 0.78 0.79 0.79 0.75 0.75 0.75 |
| | ECTIV | HOURLY | 11 | 00000000000000000000000000000000000000 | ECTIV | OURLY | 11 | 0.00 0.70 0.70 0.70 0.70 0.50 0.50 0.50 | ECTIV | OURLY | 11 | 0 . 7 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 |
| | REFL | I | | | REFL | Ĩ | 10 | 0.61 0.64 0.65 0.65 0.65 0.57 | REFL | I | 10 | |
| HURON | | | Φ. | 000000 000000 000000 000000 | | | 6 | 00000000000000000000000000000000000000 | | | 6 | 0000000 000000 0000000 00000000 |
| H | 40 | | •• | 00000000 mmmmmmm | 6 | | •0 | 044.00 0044.00 00084.00 00084.00 | м | | • | 000000 4444 7444 7444 7444 7444 7444 74 |
| OCALION | 9.7 | | ^ | 0000000 4111111111111111111111111111111111111 | 11.2 | | | 0.27 0.25 0.23 0.22 0.13 0.13 | 11.7 | | 7 | 00000000 |
| 707 | HO: | TH | 9 | 1 00 00 00 00 00 00 00 00 00 00 00 00 00 | . HO . | TH. | 9 | 00000000 | . HO : | Ŧ | 9 | 00000000 |
| | HORIZ | SOUT | ŀŪ | 00000000 | HORIZ | SOUT | ĸ | 000000000000000000000000000000000000000 | HORIZ | SOUT | 5 | |
| | J | TION: | 4 | | 'n | TION: | | | 9 | TION: | | |
| | MONTH: | ORIENTAT | ; | 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | MONTH: | ORIENTA | | 20000000000000000000000000000000000000 | MONTH: | ORIENTA | F | 22200000000000000000000000000000000000 |

| | 70 | OTAL | NO. | | 20 | OTAL | NO. | | 92 | OTAL | NO | |
|---------|----------|----------|---------|---|--------|----------|---------|--|------------|----------|---------|---|
| | 0.1 | DAILY TO | RADIATI | 66666776 666667776 66666776 | 0.1 | DAILY TO | RADIATI | R4444466 P8444466 | 0.1 | DAILY TO | RADIATI | 44 นณฑพพพพ 46 234 นพจพพ 58 34 นพจพพ |
| | KD: | | | | KD: | | | 00000000 | KD: | | 20 | 000000000 |
| ES | | | 19 | | | | 19 | | | | 19 | 00000000 |
| MINUT | 15 | | | 1 000000000000000000000000000000000000 | 14 | | 18 | 0000000 000000 00000000000000000000000 | 8 0 | | 18 | |
| 23 | 9.0 | | 17 | 00000 /000 000000 00000 00000 00000 00000 00000 | 9.0 | | 17 | 00.22.00 00.20.00 00.00 | 0.5 | | 17 | нанананан |
| GREES | •• | | 16 | 4444444MM 1224444MM | •• | | | 0.39 0.39 0.37 0.37 0.37 | •• | | 16 | 00000000000000000000000000000000000000 |
| 44 DE | ¥ | | 15 | ᲒᲒᲒᲒᲒᲠᲡᲡ Ქ ਜ਼ਗ਼ਗ਼ਗ਼ਜ਼ਜ਼ਖ਼₳₽ | KT | | 15 | ኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒ | X | | 15 | 1 496040040 |
| TUBE ' | | ATION | 4 | 00000000000000000000000000000000000000 | | ATION | 14 | 66777776 567444706 | | ATION | 14 | WW 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| ATIT | .20 | RADI | ~ | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | .20 | RADI | | M8-1000-04 | .20 | RADI | 13 | 77777777 77777777777777777 |
| SD | TY: 0 | SOLAR | 12 | 1 | TY: 0 | SOLAR | 12 | 00000 00000 00000 00000 00000 00000 0000 | 1Y: 0 | SOLAR | 12 | 00.00 |
| ٠, | FLECTIVI | > | | 1 6 6 8 8 8 8 6 7 7 8 8 8 8 8 8 8 7 7 8 8 8 8 | CTIVII | OURLY S | 11 | 7.788887.7. | CTIVII | OURLY 9 | 11 | 777777 |
| | ш | HOURL | 10 | 1 | EFLEC | НОГ | 6 | | EFLEC | НОГ | | |
| z | œ | | ٥ | 1 | uz. | | 6 | 147000000000000000000000000000000000000 | LZ. | | 0 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| HURON | | | ∞ | 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | | | •• | 244110000000000000000000000000000000000 | | | • | 22 |
| OCATION | 11.20 | | 7 | 0 | 9.71 | | 7 | 0 . 22 . 0 0 . 22 . 0 0 . 22 . 0 0 . 22 . 0 0 . 20 . 0 0 . 15 . 0 0 . 15 . 0 | 7.60 | | 7 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| LOCAT | но: | æ | • | 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | H0: | - | | 000000 000000 000000 | H0: | ~ | • | |
| | HORIZ. | SOUTH | ĸ | | ORIZ. | SOUTH | īU | | HORIZ. | SOUTH | | |
| | 7 H | : NO | | | 8 H0 | : NO | | 00000000 | Э Н(| : NO | | |
| | •• | ENTATI | | 0000000 | | TATI | | 9909999 | | ENTATI(| | 0000000 |
| | MONTH | ORIE | | 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | MONTH | ORIEN | | 65000000000000000000000000000000000000 | MONTH | ORIE | ; | - 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |

| | 0.177 | DAILY TOTAL | RADIATION | WW444444 4614006 1174400600 | 0.188 | DAILY TOTAL | RADIATION | 10000000000000000000000000000000000000 | 0.184 | DAILY TOTAL | RADIATION | 114222222 26222222 262222222222222222222 |
|---------|----------|-------------|-----------|--|--------|-------------|-----------|---|--------|-------------|-----------|--|
| | KD: | | | 00000000 | KD: | | | 00000000 | KD: | | 20 | |
| TES | | | 19 | 00000000 | | | 19 | | | | 19 | |
| MINUT | 575 | | 18 | | 965 | | 18 | 00000000 | 422 | | 18 | 00000000 |
| 5 23 | ė. | | 17 | | 9 | | | 20000000 | 9. | | 17 | |
| DEGREE | <u>:</u> | | 16 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | :- | | 16 | | Ë | | 16 | 00000000 |
| 44 DI | X | 7 | | 00000000 00000000 000044444444444 | * | ~ | | 0.25 0.25 0.25 0.30 0.30 0.33 | ¥ | - | 15 | HHHHHHNNNN |
| ATITUDE | | IATION | 14 | | | IATION | | 00000000000000000000000000000000000000 | | IATION | 14 | |
| LATI | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | |
| SD | ITY: | SOLA | 12 | 00000000 0000000 000000000000000000000 | ITY: | SOLA | \sim | 0000000 0000000 00000000 | ITY: | SOLA | 32 | |
| | ECTIV | HOURLY | 11 | 75.000000 75.000000 75.000000 | ECTIV | OURLY | _ | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ECTIV | OURLY | 11 | |
| | REFL | I | 3.0 | | REFL | Ĭ | - | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | REFL | Ï | 10 | |
| HURON | | | 6 | 00000000 00000000 000000000000000 | | | 0 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | 6 | 0 . 10 0 . 13 0 . 13 0 . 13 0 . 23 0 . 23 0 . 23 |
| H | 2 | | •• | 20000000000000000000000000000000000000 | 7 | | •• | 0.00 0.00 0.00 0.00 0.10 0.10 | 2 | | •0 | 0.0020000000000000000000000000000000000 |
| OCATION | 5.4 | | ~ | | 3.6 | | 7 | | 3.0 | | 7 | 00000000 |
| 100 | . HO: | TH. | 9 | | . HO: | оптн | • | | . HO: | ОПТН | 9 | 00000000 |
| | HORIZ | SOUTH | ₹. | 00000000 | HORIZ | SOU | 'n | | HORIZ | SOU | 5 | 00000000 |
| | 10 | ATION: | 4 | | 11 | AT 10N: | | | 12 | ATION: | 3 | |
| | MONTH: | ORIENTA | | 60000000000000000000000000000000000000 | MONTH: | ORIENTA | ; | 255.00 255.00 350.00 550.00 60.00 | MONTH: | ORIENTA | _ | 250.00 330.00 35.00 50.00 |

| | 0.186 | DAILY TOTAL | RADIATION | 1.02222222 6.042222222 1.042021 1.0433 | 0.186 | DAILY TOTAL | RADIATION | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 0.188 | DAILY TOTAL | RADIATION | wqqqqqqq wqqqqq wqqqqq ooknonqoo |
|---------|--------|-------------|-----------|--|----------|-------------|-----------|--|----------|-------------|-----------|--|
| | Š | | 20 | | ΚĎ | | 20 | ****** | KD: | | 20 | 00000000 |
| TES | | | 19 | 00000000 | | | 19 | 00000000 | | | 19 | 000000000 |
| MINUTES | 451 | | 18 | 00000000 | 454 | | 18 | 00000000 | 665 | | 18 | |
| \$ 23 | 6 | | 17 | | 6 | | 17 | | ÷ | | 17 | 0000000 |
| DEGREES | •• | | 16 | 00000000000000000000000000000000000000 | | | 16 | 00000000000000000000000000000000000000 | , | | 16 | 00.00 00.25 00.25 00.25 00.25 00.25 |
| 44 DE | K | _ | | 00000000000000000000000000000000000000 | X | | 15 | | X | | 15 | 00000000 00000000 00000000000000000000 |
| TUDE | | ATION | 14 | | | ATION | 14 | | | ATION | 14 | |
| LATIT | .20 | RADI | | 00000000 | .20 | RADI | 13 | | .24 | RADI | 13 | |
| SD | 1Y: 0 | SOLAR | 12 | 00000000 | TY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | |
| | ECTIVI | HOURLY | 11 | 00000000 | FLECTIVI | HOURLY | 11 | 00 00 00 00 00 00 00 00 00 00 00 00 00 | ECTIVI | OURLY | 11 | 10000000000000000000000000000000000000 |
| | REFLE | H | | 1 000000000 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 | REFLE | 유 | 10 | | REFLE | HO | 10 | 000000000 448000000000 86800000000000000 |
| ERRE | | | σ. | 00000000000000000000000000000000000000 | | | 6 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | | | Φ. | 000000000000000000000000000000000000000 |
| PIE | | | | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | •• | HAHAHANN | | | | |
| NCI | 3.70 | | 7 | | 5.53 | | 7 | 000000000000000000000000000000000000000 | 7.63 | | ~ | |
| LOCA | . HO: | Ξ | • | | H0: | £ | • | | H0: | . | • | |
| | HORIZ | SOUTH | | 00000000 | HORIZ. | SOUTH | | | HORIZ. | SOUT | 50 | 000000000 |
| | - | :NOI | | eccceeses | 2 | ION: | | 00000000 | m | : NOI | | |
| | #ONTH: | ORIENTAT | | 1111 100 200 200 300 500 600 600 600 | MONTH: | ORIENTAT | - | 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | MONTH: | ORIENTAT | ; | 60000000000000000000000000000000000000 |

| | 0.185 | DAILY TOTA | RADIATION | พพพพพพพพพ อนน์สุนพท่อน อันน์สุนพท่อน | 0.181 | DAILY TOTA | RADIATION | <i><i>Q Q Q Q Q Q Q Q Q Q</i></i> | 0.175 | DAILY TOTA | RADIATION | <i>ᲒᲒᲢᲢᲢᲢᲢᲢฃฃฃ</i> <i>ᲒᲓᲒᲡᲢᲥᲘᲡ</i> ਜ਼ <i>Ი</i> ᲡᲒᲬᲡᲛ₳Ქ |
|---------|----------|------------|-----------|---|--------|------------|-----------|--|---------|------------|---------------|---|
| | χÖ: | | 20 | 00000000 | KD: | | | 00000000 | KD: | | 20 | |
| ES | | | 19 | | | | 3.9 | | | | 19 | |
| MINUTE | 20 | | 18 | | 53 | | 13 | | 6 | | | 2000000 20000000 20000000000000000000 |
| 23 | 0.5 | | 17 | | 0.5 | | 17 | 00000000000000000000000000000000000000 | 0.5 | | 17 | 000000000000000000000000000000000000000 |
| DEGREES | •• | | 16 | | •• | | 16 | 00000000000000000000000000000000000000 | | | 16 | 00000000000000000000000000000000000000 |
| 44 DE | KI | | 15 | BDDDDBDDD | KT | | | 00000000 11111111111111111111111111111 | KT | | 15 | |
| UDE | | ATION | 14 | | | ATION | 14 | | | ATION | 14 | 00.77 |
| LATIT | .20 | RADI | 13 | 00000000 0000000 0000000 0000000000000 | .20 | RADI | 13 | 000000000000000000000000000000000000000 | .20 | RADI | 13 | 00.700 |
| 20 | 1Y: 0 | SOLAR | 12 | | TY: 0 | SOLAR | - | 0000000 0000000 00000000000000000000 | 1Y: 0 | SOLAR | \rightarrow | 000000000000000000000000000000000000000 |
| | ECTIVI | HOURLY | 11 | | ECTIVI | OURLY | 1 | 0000000 0000000 0000000000000000000000 | ECTIVI | HOURLY | 7 | 00.000 00.000 00.000 00.000 00.000 00.000 |
| | REFLE | Đ | 10 | | REFLE | £ | 10 | | ZEFLE | H | 10 | 00.722 |
| ERRE | | | • | 000000000 4444444 6866660000 | | | ۰ | ************************************** | | | | |
| PIE | | | - | | | | 10 | 00000000 444440000 | | | | 00000000 44444400 774444400 |
| DCATION | 9.78 | | | 000000000000000000000000000000000000000 | 11.20 | | 7 | 00000000000000000000000000000000000000 | 11.73 | | 7 | 00000000000000000000000000000000000000 |
| 100 | H0: | Ŧ | 9 | 99999999999999999999999999999999999999 | H0: | × | 9 | 00000000000000000000000000000000000000 | .0 H | æ | • | 7 |
| | HORIZ. | SOUTH | 5 | 00000000 | HORIZ. | SOUT | | 00000000 | HORIZ. | 5001 | | 200000000 2000000000000000000000000000 |
| | - | : NOI | 4 | | 'n | : NOI | | | 9 | : NOI | J | 00000000 |
| | MONTH: | ORIENTAT | ; | 7 | MONTH: | ORIENTAT | i | | MONTH | ORIENTAT | ; | 711- 200-00 220-00 330-00 40-00 50-00 60-00 |

| | 0.164 | DAILY TOTAL | RADIATION | 77.338 77.338 77.23 66.27 56.27 | 0.162 | DAILY TOTAL | RADIATION | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 9.169 | DAILY TOTAL | RADIATION | 48888888888888888888888888888888888888 |
|----------|-----------|-------------|-----------|--|-----------|-------------|-----------|--|----------|-------------|-----------|--|
| | KÖ: | | 50 | | KĐ: | | 28 | | Ä | | | |
| ES | | | 19 | | | | | | | | 19 | 00000000 |
| MINUTE | 641 | | 18 | 00000000 111100000 20100000 | 249 | | 18 | 00000000 0000000 000000000000000000000 | 621 | | 18 | |
| 5 23 | • | | 17 | 00000000 0000000000000000000000000000 | • | | 17 | | 9 | | 17 | |
| DEGREE | <u>:</u> | | 16 | 66666666666666666666666666666666666666 | H | | 16 | 60000000 44444444 4644444 | <u>:</u> | | 16 | |
| 44 0 | K | ~ | 15 | 000000000 00000000 000000000 000000000 | ¥ | ~ | ~ | | ¥ | 2 | 15 | |
| TUDE | | ADIATION | 74 | 0000000 0000000 0000000000000000000000 | | IATION | 14 | | | IATIO | ** | |
| LATI | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | | 0.20 | RRAD | 13 | |
| SD | 17: | SOLA | ~ | 48000000000000000000000000000000000000 | 77: | SOLA | 12 | | . | SOLA | 12 | |
| | EFLECTIVI | HOURLY | 11 | 1 00 00 00 00 00 00 00 00 00 00 00 00 00 | EFLECTIVI | HOURLY | 11 | | FLECTIVI | HOURLY | ~ | 0.71 |
| | REFL | I | 10 | 00000000 | REFL | = | 70 | 00000000 | REFL | I | 10 | 0000000 |
| ERRE | | | • | 00000000 00000000 000000000000000 | | | ٠ | 00000000 00000000 000000000000000 | | | • | |
| PI | • | | •• | 200000000 2444444 2444444 | | | _ | - MHAMAMAA 4444444AMA | | | • | |
| LOCATION | 11.2 | | ^ | 000000000 mm20000000 | 9.7 | | ^ | 00000000 | 7.6 | | 7 | |
| 100 | . HO: | H | • | 00000000 1111100000 | . HO: | Ŧ | • | 00000000 | . HO: | | 9 | |
| | HORIZ | SOUTH | 50 | | HORIZ | SOUTH | Ŋ | 00000000 | HORIZ | SOUTH | 'n | |
| | ^ | TION: | | 66666666 | •0 | TION: | * | 000000000 | • | ATION: | • | |
| | MONTH: | ORIENTA | ; | 220.00 220.00 220.00 20.00 20.00 20.00 20.00 | MONTH: | ORIENTA | į | 660 660 660 660 660 660 660 660 660 660 | MONTH: | ORIENTA | i | 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 |

| | 6.171 | DAILY TOTAL | RADIATION | ਸ਼ ₩₳₲₽₽₽₽ ₩ ₽₲₽₽₩ ₩ ₽₲₽₽₩ ₩ ₽₩₽₽₩ | 0.185 | DAILY TOTAL | RADIATION | | 0.186 | DAILY TOTAL | RADIATION | 111222222 871322222 88632 8673 |
|----------|--------|-------------|-----------|---|------------|-------------|-----------|--|------------|-------------|---|---|
| | Ë | | 26 | | KD: | | 20 | | χĎ | | | 00000000 |
| TES | | | 19 | 00000000 | | | 19 | | | | 19 | |
| HINUTE | 611 | | | | 535 | | 13 | ********* | 461 | | 18 | |
| 5 23 | • | | ~ | 00000000 | | | 17 | ••••• | • | | (| |
| DEGREE | KT: | | | 00000000 | <u>:-</u> | | 16 | 89999999 | KT: | | 16 | 00000000 |
| 44 D | ~ | z | 15 | 00000000 | * | Ŧ | 15 | | × | z | 15 | |
| ATITUDE | | IATION | | 00000000 | | IATIO | | 00000000 | | IATIO | ~ | 0.35 |
| LATI | 0.20 | R RADI | m | 00000000 | 0.20 | R RADI | 13 | W44000000 | 0.20 | R RADI | | 00000000 |
| SD | ITY: | SOLA | 12 | | ITY: | SOLA | | 00000000000000000000000000000000000000 | ITY: | SOLA | ~ | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| | LECTIV | HOUREY | ~ | 6666666 | REFLECTIVI | HOURLY | 11 | 6000000 8440000000 8440000000 | EFL ECTIVI | HOURLY | ======================================= | 00000000 |
| | REFL | I | 10 | 00000000 | REFL | x | - 1 | 00000000 | REFL | I | ~ | 0000000 |
| ERRE | | | • | 00000000 | | | • | 0.22 0.22 0.23 0.33 0.33 | | | ~ | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| ē. | 2 | | • | 22.23.23.23.23.23.23.23.23.23.23.23.23.2 | 7 | | 1 | 0.00 0.00 0.00 0.00 0.00 0.11 | 7 | | | |
| LOCATION | 5.4 | | ^ | | 3.6 | | ^ | 00000000 | 3.0 | | 7 | 00000000 |
| 207 | : H3: | H | • | 999999999 | .: | H | - 1 | 00000000 | .: | H | | 00000000 |
| | HORIZ | SOUTH | • | 00000000 | HORIZ | SOUTH | ! | 000000000 | HORIZ | SOUT | | 00000000 |
| | 10 | T 1 OM: | | | 11 | TION: | | | 12 | TION: | | |
| | MONTH: | ORIENTATION | : | 00000000000000000000000000000000000000 | MONTH: | ORIENTA | ; | 25 25 25 25 25 25 25 25 25 25 25 25 25 2 | HINOH: | ORIENTA | : | 20000000000000000000000000000000000000 |

| | 0.186 | DAILY TOTAL | RADIATION | 1.22.22.2.2.2.2.2.3.3.3.3.3.2.2.2.2.2.2. | 9.186 | DAILY TOTAL | RADIATION | 00000000000000000000000000000000000000 | 0.187 | DAILY TOTAL | RADIATION | W 1444444 80000000000000000000000000000000 |
|----------|-----------|-------------|-----------|--|---------------|-------------|-------------|--|--------|-------------|-----------|---|
| | KĎ: | | 20 | | ΚĎ | | | | ΚĎ | | ~ | |
| TES | | | 13 | 90000000 | | | Feet | 00000000 | | | | 200000000 |
| MINUTE | 155 | | | 00000000 | 167 | | - | | 505 | | ~ | |
| m | 4. | | 17 | 80000000 | • | | 11 | | • | | 11 | |
| DEGREES | • | | _ | 49000000 | •• | | 16 | | •• | | 16 | 490000000 |
| 44 DE | X | _ | 15 | 480000000 | ¥ | _ | = | 40000000 40000000 40000000000000000000 | ¥ | _ | 15 | |
| ITUDE | | ATION | 14 | | | IATION | 1, | | | IATION | 7 | |
| LATIT | .20 | RADIATI | 13 | | .20 | RAD | 13 | | .20 | RAD | 13 | |
| SD | 1Y: 8 | SOLAR | - | 00000000 WW.4.4.4.1.1.1.1 WW.4.4.4.1.1.1.1.1 WW.4.4.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1 | 1Y: 0 | SOLAR | 12 | | TY: 0 | SOLAR | | |
| | EFLECTIVI | HOURLY | 11 | BBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB | EFL ECT IVITY | HOURLY | 11 | 00000000 MAANINININI WAWOONWANA | ECTIVI | HOURLY | 11 | |
| CITY | REFLE | ¥ | 10 | 00000000 00000000 000000000000000 | REFLE | H | 10 | | REFLE | 2 | | |
| PID CI | | | | 480000000000000000000000000000000000000 | | | • | 400000000 4000000000000000000000000000 | | | • | |
| RAF | | | •• | 400000000 | | | • | 00000000 00000000 00000000000000000000 | | | ** | 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |
| LOCATION | 3.76 | | ~ | | 5.58 | | ^ | 00000000 | 7.67 | | 1 | |
| 1001 | . HO: | <u> </u> | • | 000000000 | £ | ¥ | • | 00000000 | 9 | ; = | • | |
| | HOR1Z. | SOUT | S | 80000000 | HORIZ. | SOUTH | 'n | 6666666 | HORIZ. | SOUTH | • | 000000000 |
| | - | ION: | | 00000000 | ~ | TION: | • | | m | ION: | | 880000000 |
| | MONTH: | ORIENTATI | | | MONTH: | ORIENTAT | ; | 65 C C C C C C C C C C C C C C C C C C C | MONTH: | ORIENTAT | į | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |

| | 0.186 | DAILY TOTAL | RADIATION | សហសកលេខកុង ១៨ឃើងស្ដាក់ទុំ ដាល់ឯសសភ្យំមុំ | 0.184 | DAILY TOTAL | RADIATION | N | 0.178 | DAILY TOTAL | RADIATION | 6666666 67766666 6777766666 6777766666 |
|---------|--------|-------------|-----------|--|--------|-------------|------------|--|--------|-------------|------------|---|
| | KD: | | 2 | 00000000 | KD: | | 20 | 00000000 | KD: | | ~ I | 00000000 |
| ES | | | | 00000000 | | | 19 | | | | 919 | 00000000000000000000000000000000000000 |
| MINUT | 111 | | 80 | 00000000000000000000000000000000000000 | 31 | | 18 | 0.113 0.00 0.00 0.00 0.00 0.00 0.05 | 173 | | 18 | 00.00 |
| m | 0.5 | | 17 | 0.19 0.19 0.19 0.118 0.117 | 0.5 | | 17 | 00000000000000000000000000000000000000 | 0.5 | | | 0.31 0.23 0.23 0.23 0.23 0.13 0.13 |
| GREES | | | 16 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | | | 16 | 0.44 0.44 0.34 0.33 0.33 0.33 0.23 | | | 16 | |
| 44 DE | K | _ | - | 000000 44400000 004444 004444 | Ž | | 15 | | X | _ | 15 | |
| TUDE | | ATION | 14 | | | ATION | 14 | | | ATION | 14 | 20000000 |
| LATI | 0.20 | R RADI | | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | 0.20 | R RADI | 13 | 20000000 | 0.20 | R RADI | 13 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 |
| SD | ITY: (| SOLAF | 12 | 00000000 0000000 00000000 0000000000 | ITY: (| SOLAF | 12 | | ITY: (| SOLA | 12 | |
| | ECTIV | HOURLY | 11 | 0000000 000000 000000 000000 | ECTIV | OURLY | 11 | 0.65 0.71 0.71 0.71 0.71 0.70 0.70 0.65 0.65 | ECTIV | OURLY | 7.7 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| ΙΤΥ | REFL | Ī | | | REFL | Ī | 10 | UNAGAGGG | REFL | Ì | 10 | |
| PID CI | | | 0 | 20000000 244444444 2000000000 | | | 6 | 00000000 0000000 00000000 00000000 000000 | | | 6 | 00000000 00000000 00000000 000000000 |
| RA | 6 | | 40 | 00000000 00000000 000000000 00000000 | 7 | | •• | 000000 444 | IN. | | 40 | 000000000 444444 88488 |
| OCATION | 9.8 | | ^ | 00.100 | 11.2 | | 7 | NNNNNNN | 11.7 | | ^ | 00.00000000000000000000000000000000000 |
| 10C | : CH . | Ŧ | • | 00000000000000000000000000000000000000 | . HO: | Ξ | 4 0 | | . но: | Ŧ | 9 | 0.0000000000000000000000000000000000000 |
| | HORIZ | SOUT | Ŋ | 000000000 | HORIZ | SOUT | Ŋ | 000000000000000000000000000000000000000 | HORIZ | SOUT | ı | |
| | -3* | TION: | | 0 20000000 | 'n | TION: | | 00000000 | • | TION. | •3• | 603000000 |
| | MONTH: | ORIENTAI | ; | 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | MONTH: | ORIENTAI | - | 65 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | MONTH: | ORIENTAI | | 20000000000000000000000000000000000000 |

| | 0.168 | DAILY TOTAL | RADIATION | 7.00 7.14 7.11 | 901 | r. o | r. | 0.165 | DAILY TOTAL | RADIATION | 6666666 11.0.6.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0 |
|----------|------------|-------------|-----------|--|----------|----------------|--------------|-------------|-------------|-----------|---|
| | ΚĎ | | 20 | 0000 | | | • | X O S | | 20 | 00000000 |
| ES | | | 19 | | | . . | e. | | | 19 | |
| MINUTES | 25 | | 18 | 0.12 | | 0.0 | ē. | 35 | | 18 | |
| m | 9.0 | | 17 | 0.31 | ivivi | 2. | 7 | 9.0 | | 17 | 22222222 |
| DEGREES | | | 16 | 0.47 | 4.5 | 382 | .33 | | | 16 | 4444444 |
| 44 DE | K | | 15 | 8000 | 9.9 | יה הי | ų. | K T | | 15 | เมเนององอุเมเน |
| UDE | | ATION | 14 | 1 more | | . 9 | ۰. | | ATION | 14 | 8222222 8222222 |
| LATITUDE | 1.20 | RADI | 13 | | . eo. eo | 8. | | .20 | RADIAT | 13 | 00000000000000000000000000000000000000 |
| SP | TY: 0 | SOLAR | 12 | • • • | , eo, eo | ∞ • | ·- | TY: 0 | SOLAR | 12 | $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ |
| | REFLECTIVI | HOURLY | 11 | 80 80 80 80 80 80 80 80 80 80 80 80 80 8 | ळळ | ۰۰. | <u>~</u> | LECTIVITY | HOURLY | 11 | ときままままます かまならめままな |
| CITY | REFLE | ¥ | 10 | 0.73 | | . 9. | ۰. | REFLE | 모 | 10 | 877777778 847474748 |
| PID C] | | | 6 | 2000 | 9.9 | . v. | 'n. | | | 6 | เกเลงลงลงเกเน |
| RAF | | | * | 0.47 0.48 0.47 | 4.4 | 4.2 | M | | | •0 | 444444MM |
| LOCATION | 11.21 | | 7 | 0.31 0.30 0.28 | isisi | <i>∽</i> | ~ . | 9.74 | | 7 | 2222233 2222333 2222333 |
| LOCA | H0: | I | 9 | 0.12 | 00 | °.°. | - | H0: | Ŧ | 9 | 000000000000000000000000000000000000000 |
| | HORIZ. | SOUTH | 5 | 200.0 | 0.0 | o. o. | 0. | HORIZ. | SOUTH | 2 | |
| | ~ | ION: | 3 | 0000 | | | • | •• | 10N: | 4 | 00000000 |
| | MONTH: | ORIENTATION | _ | 10.00 20.00 25.00 | | 0.0 | 0 | MONTH: | ORIENTATION | - | 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 |

| 0.167 | DAILY TOTAL | RADIATION | 4 NU NU NU A A A NU - NU A 80 4 C C C C C C C C C C C C C C C C C C |
|--------------------|------------------------|-----------|--|
| KD: | | 20 | |
| | | 19 | 00000000 |
| 56 | | 18 | |
| 0.626 | | 17 | 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |
| | | 16 | |
| KT: | | 15 | 000000000 4400000000 4000000000 |
| | ATION | - | 0.63 0.63 0.72 0.72 0.72 |
| .20 | RADI | 13 | 00000000000000000000000000000000000000 |
| TY: 0 | SOLAR | \vdash | 000000000000000000000000000000000000 |
| REFLECTIVITY: 0.20 | HOURLY SCLAR RADIATION | _ | 00.000 |
| REFLE | H | - | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 |
| | | | 00000000 4400000000 4604000000 |
| | | ∞ | |
| 7.64 | | | 1222222 |
| : OH | n: | 9 | |
| HORIZ. HO: 7.64 | SOUTH | 2 | 00000000 |
| • | : NO1 | | |
| MONTH: | ORIENTATION: | | 250.00 250.00 350.00 450.00 50.00 |

| | 0.171 | DAILY TOTAL | RADIATION | พพ444811414 พษ4780 | 9.181 | DAILY TOTAL | RADIATION | 00000000000000000000000000000000000000 | 0.187 | DAILY TOTAL | RADIATION | 3.32.50 2.32.50 2.32.50 2.32.50 2.32.50 2.32.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3 |
|----------|----------|-------------|------------|---|----------|-------------|-----------|---|------------|-------------|-----------|--|
| | ΚĎ | | | 000000000 | KD: | | 20 | | KD: | | 2 | 00000000 |
| TES | | | 19 | 00000000 | | | 19 | | | | 19 | |
| MTAUT | 612 | | 18 | 00000000 | 247 | | 18 | | 487 | | | 00000000 |
| S | | | 17 | | | | 17 | 80000000 | | | _ | 00000000 |
| DEGREE | <u>:</u> | | | 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | <u>:</u> | | 16 | 00000000 | : - | | - | 000000000000000000000000000000000000000 |
| 44 | ¥ | æ | 15 | 100000000 | ¥ | z | 15 | | : 2 | z | 15 | 00000000 |
| TUDE | | IATIO | | 00000000 | | IATIO | 14 | 888888888 8888888 | | IATIO | 7 | 000000000000000000000000000000000000000 |
| LATI | 0.20 | R RAD | 13 | 00000000 | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | 000000000 |
| SD | ITY: | SOLA | | | ITY: | SOLA | 12 | 00.00 0.00 0.00 0.00 0.00 0.00 0.00 0. | ITY: | SOLA | | 000000000000000000000000000000000000 |
| | ECTIV | OURLY | _ | 100000000 | ECTIV | OURLY | 11 | မာမာမာမာမာမာမ မေရာမာမာမာမာမ | ECTIV | OURLY | 11 | 00000000 |
| ITY | REFLEC | x | ~-1 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | REFL | I | 10 | 00000000 | REFL | I | - | 100000000 |
| PID C | | | 0 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | 6 | 00000000 | | | 6 | 00.000000000000000000000000000000000000 |
| RA | ∞ | | 6 0 | | 8 | | •0 | 400.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | •0 | | •0 | 1 000000000000000000000000000000000000 |
| LOCATION | 5.4 | | 7 | 1 | 3.7 | | | 000000000 | 3.0 | | | |
| LGC | . HO: | Ŧ | | | . но: | H | | 000000000 | . но | итн | | |
| | HORIZ | SOUT | | 00000000 | HORIZ | SOUT | | 000000000 | HORIZ | SOU | | 000000000 |
| | 10 | TION: | 4 | | 11 | TION: | | 000000000 | 12 | TION: | 4 | |
| | MONTH: | ORIENTA | ; | 220 . 00 . 00 . 00 . 00 . 00 . 00 . 00 | MONTH | CRIENTA | j | 60000000000000000000000000000000000000 | MONTH: | ORIENTA | | 71 L1 0.0 10.0 20.00 30.00 485.00 50.00 |

| 34 MINUTES |
|-------------|
| 43 DEGREES |
| LATITUDE |
| SD |
| SIDUX FALLS |
| LOCATION |

| | 0.185 | DAILY TOTAL | RADIATION | 33222222 302332 3053232 30532 5077 | 0.185 | DAILY TOTAL | RADIATION | 22222222222222222222222222222222222222 | 0.186 | DAILY TOTAL | RADIATION | ww 444444 60 |
|--------|--------|-------------|------------|---|--------|-------------|-----------|--|--------|-------------|-----------|--|
| | KD: | | | 888888888 | KD: | | | 00000000 | KD: | | 20 | 00000000 |
| 'ES | | | ~ i | 00000000 | | | | 00000000 | | | | 00000000 |
| MINUT | 437 | | 18 | | 447 | | | 00000000 | 470 | | 18 | |
| 34 | 0 | | - | 00000000 | 6 | | ~ | 000000000000000000000000000000000000000 | 9 | | | 00.00 |
| GREES | •• | | 16 | 0.00 | ·• | | 16 | 00.112 | •• | | 9 | 00.22 00.22 00.22 00.22 00.22 00.22 |
| 43 DE | KT | | 15 | 48 H W 4 N 9 8 C | X | | 15 | 00.27 | X | | 15 | 00000000000000000000000000000000000000 |
| UDE | | ATION | 5 | 00000000000000000000000000000000000000 | | ATION | 51 | 00000000000000000000000000000000000000 | | ATION | 7 | |
| LATIT | .20 | RADI | 13 | 00000000 00000000000000000000000000000 | .20 | RADI | 13 | 0000000 0000000 0000000000000000000000 | .20 | RADI | 13 | 20000000000000000000000000000000000000 |
| SD | TY: 0 | SOLAR | 12 | 00.00 00 | 1Y: 0 | SOLAR | 12 | 0000000 0000000 0440000000 044000000 | 1Y: 0 | SOLAR | 12 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 |
| | ECTIVI | URLY | | 00000000000000000000000000000000000000 | CTIVI | OURLY | 11 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | CTIVI | URLY | 11 | 20000000000000000000000000000000000000 |
| 5771 | REFLE | £ | 10 | 000000000000000000000000000000000000000 | REFLE | H | 10 | 00000000 mm444444 MM000m4mmm | REFLE | 유 | 10 | 00000000000000000000000000000000000000 |
| OUX FA | | | φ. | 20000000000000000000000000000000000000 | | | 6 | 00.22 00.32 00.33 00.33 00.34 00.34 | | | | 00000000000000000000000000000000000000 |
| SIC | | | e) | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | | | ₩ 1 | 00.15 | | | •0 | 000000000000000000000000000000000000000 |
| LION | 3.84 | | 7 | 20000000 | 5.66 | | 7 | 00000000000000000000000000000000000000 | 7.73 | | ~ | 60000000000000000000000000000000000000 |
| LOCA | H0 | Ŧ | - 1 | 00000000 | H0: | æ | | | H0: | Ŧ | 9 | |
| | HORIZ. | SOUT | - 1 | 00000000 | HORIZ. | SOUT | 5 | 00000000 | HORIZ. | SOUT | 2 | |
| | ~ | TION: | | 00000000 | 8 | TION: | | 00000000 | ٣ | : NOI | | 00000000 |
| | MONTH: | ORIENTAT | ; | 225.00 325.00 325.00 35.00 60.00 | MONTH | ORIENTAT | - | 220 220 220 230 200 200 200 200 200 200 | MONTH: | ORIENTAT | _ | 1161 1000 2000 2000 2000 2000 6000 6000 |

| | 0.188 | DAILY TOTAL | RADIATION | 4 W W W W W W 4 4 8 9 1 1 1 1 1 1 0 0 1 4 4 9 1 0 1 M | 0.184 | DAILY TOTAL | RADIATION | NAANNUNA 6000000000000000000000000000000000000 | 0.179 | DAILY TOTAL | RADIATION | ************************************** |
|-------|----------|-------------|-----------|---|--------|--------------|-----------|--|--------|-------------|-----------|--|
| | KD: | | 20 | | KD: | | | 00000000 | KD: | | 20 | 00000000 |
| res | | | 19 | | | | O-1 | 000000000000000000000000000000000000000 | | | | 000000000000000000000000000000000000000 |
| MINUT | 464 | | 38 | | 532 | | 18 | | 564 | | 18 | |
| 5 34 | 6 | | 17 | | ÷: | | 1 | 0.23 0.23 0.23 0.22 0.20 0.20 0.12 0.12 | 0 | | 17 | 000023 |
| EGREE | ä | | 16 | | :- | | 16 | 444WWWWWW | Ë | | 16 | |
| 43 D | ¥ | z | 15 | | ¥ | . | 15 | | ¥ | z | 15 | |
| TUDE | | IATIO | ~ | 0000000 000000 00000 00000 00000 | | IATION | 14 | | | IATIO | 14 | 20000000 2000000 200000000000000000000 |
| LATI | 0.20 | R RAD | 13 | 0000000 | 0.20 | R RAD | 13 | 0.68 0.71 0.71 0.71 0.68 0.65 | 0.20 | R RAD | _ | 0.73 0.75 0.75 0.75 0.75 0.68 |
| SD | ITY: | SOLA | 12 | 00.65 | ITY: | SOLA | ~ | 0.73 0.74 0.73 0.72 0.67 | ITY: | SOLA | \vdash | 0.78 0.79 0.79 0.75 0.75 0.75 |
| | ECTIV | OURLY | 11 | 1 00000000 | ECTIV | HOURLY | | 0.00 0.71 0.71 0.71 0.68 0.68 0.68 0.68 | ECTIV | OURLY | 11 | 0.75 |
| A.LS | KEFL | I | | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | REFL | x | ~ | 00000000 | REFL | I | 10 | 00000000 |
| OUX F | | | 6 | 000000000 | | | | 00 00 00 00 00 00 00 00 00 00 00 00 00 | | | 8 | 00000000000000000000000000000000000000 |
| 1S | ড | | ₩ | 00000000 | Ņ | | •0 | | м | | | 00000 1 |
| ATION | 9.8 | | 7 | 0000000 | 11.2 | | 7 | | 11.7 | | 7 | 00000000000000000000000000000000000000 |
| LOCA | . HO: | H | • | 00000000 00000000 | . HO: | H L | • | 0.00 | . HO: | H | 9 | 0.0000000000000000000000000000000000000 |
| | HORIZ | SOUT | 70 | 000000000 | HORIZ | SOU | Ŋ | 0.0000000000000000000000000000000000000 | HORIZ | SOUT | Ŋ | 000000000000000000000000000000000000000 |
| | J | TION: | | | 'n | TION: | | 000070000 | • | TION: | | |
| | MONTH: | ORIENTA | 7 | 25.00 35.00 35.00 45.00 60.00 | MONTH: | ORIENTA | - | 60.000 60.000 60.000 60.000 | MONTH: | ORIENTA | ; | 11.1 10.0 10.0 20.00 30.00 45.00 50.00 |

| | 0.173 | DAILY TOTAL | RADIATION | 66666666666666666666666666666666666666 | 0.175 | DAILY TOTAL | RADIATION | 224646464 8147741598 204648500 | 0.177 | DAILY TOTAL | RADIATION | 4 4 መሆስ መመመመ ቀ መያመ ቀ 4 መያመ ቀ 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 |
|----------|--------|-------------|-----------|--|----------|-------------|-----------|--|--------|-------------|-----------|--|
| | KD: | | | 00000000 | KD: | | 20 | | KD: | | | |
| ES | | | 19 | 000000000000000000000000000000000000000 | | | 19 | 000000000 | | | _ | 00000000 |
| MINUT | 90 | | 18 | 00.14 00.00 00.00 00.00 00.00 00.00 00.00 | 95 | | 18 | 0.06 0.05 0.05 0.05 0.03 | 77 | | | |
| 34 1 | 0.6 | | 17 | 12235671 | 0.5 | | 17 | 113011222222222222222222222222222222222 | 0.57 | | 17 | 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - |
| REES | | | 16 | | | | 16 | | | | 16 | |
| 3 DEG | KT: | | 15 | | KT: | | 15 | <i>www.</i> www. | KT: | | 15 | 1 |
| UDE 4 | | TION | 14 | 1 | | TION | | | | TION | 14 | |
| ATITU | 20 | RADIA | | | 20 | RADIA | | 7.7. 0.00 0.7. 0.00 0.7. 0.00 0.7. 0.00 0.7. 0.00 0.7. | 20 | RADIA | 13 | |
| ח | Y: 0. | OLAR | | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Y: 0. | OLAR | | 48888 4888 4888 4888 4888 4888 4888 48 | ۲: 0. | OLAR | 12 | |
| S | TIVIT | RLY S | | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | CTIVIT | RLY S | | 77880000 | TIVITY | ۲× | 11 | |
| s. | EFLEC | HOUR | 0 | 7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7. | FLE | HOUR | 6 | 664 647 647 647 647 647 647 647 647 647 | FLEC | HOUR | 0 | WW W & W & W & W & W & W & W & W & W & |
| FALI | ã | | | 661 661 67 67 67 67 67 67 67 67 67 67 67 | RE | | | 455677758 456677758 456600000000000000000000000000000000000 | A. | | 9 1 | 1 4000000000 |
| SIOUX | | | | 74444444444444444444444444444444444444 | | | | 20000000000000000000000000000000000000 | | | | 222222 |
| | 22 | | | O&V &NW N&N | 11 | | | 00000000 | 3.0 | | | |
| LOCATION | 11. | | | 40008/026 00000000 2000000 | <u>,</u> | | | 00000000 | 7 | | | 00000000 |
| 100 | . НО | Ξ | 9 | | . но | H | 9 | 00.00 00.00 00.00 00.00 00.00 | . H0: | 77. 14. | 9 | |
| | HORIZ | SOUT | 5 | 00.000000000000000000000000000000000000 | HORIZ | SOUT | 5 | | HORIZ | .nos | 'n | 000000000 |
| | 7 | TION: | | 00000000 | •• | TION: | | | 6 | :NOI | | |
| | MONTH: | ORIENTA | ; | 110 100 220 230 330 550 60 60 60 | MONTH: | ORIENTAI | ; | 20.00 325.00 325.00 46.00 | MONTH: | ORIENTAT | i | 60000000000000000000000000000000000000 |

| | 0.178 | DAILY TOTAL | RADIATION | 24444444444444444444444444444444444444 | 0.188 | DAILY TOTAL | RADIATION | | 0.185 | DAILY TOTAL | RADIATION | 11.36 22.26 22.54 22.55 22.55 33 23.46 33 33 34 34 |
|---------|--------|-------------|-----------|---|--------|-------------|-----------|---|---------|-------------|-----------|--|
| | KD: | | 20 | 00000000 | KD: | - | | 00000000 | KD: | _ | | 00000000 |
| res | | | 19 | 00000000 | | | 19 | 00000000 | | | | 00000000 |
| MINUTE | 571 | | ~ | 00000000 | 503 | | 18 | 000000 | 439 | | 18 | 00000000 |
| 5 34 | 6 | | 17 | | 0 | | 17 | 0000000 | 6 | | 17 | 00000000 |
| EGREE | : | | 9- | 200000000000000000000000000000000000000 | 7: | | 16 | | :. - | | — | 0.0000000000000000000000000000000000000 |
| 43 D | ¥ | z | 15 | 000000000 | ¥ | NO | 15 | | ¥ | z | 15 | 00000000 |
| TUDE | | IATION | - | | | IATI | 14 | 00000000 | | IATIO | 14 | 00000000 |
| LATI | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | 00000000 |
| SD | ITY: | SOLA | 12 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ITY: | SOLA | ~ | 00000000 | ITY: | SOLA | 7 | 00000000000000000000000000000000000000 |
| | ECTIV | HOURLY | 11 | 00000000 | ECTIV | OURLY | 11 | 00000000 | ECTIV | OURLY | 11 | 00000000 |
| ALLS | REFL | I | 10 | 00000000 | REFL | x | 10 | 00000000 | REFL | T. | 10 | 00000000000000000000000000000000000000 |
| OUX F | | | 0 | 1 00000000 1 000000000 1 000000000 | | | 6 | 0.2225 | | | 6 | 000000000000000000000000000000000000000 |
| IS I | 55 | | | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 81 | | •0 | 000000000000000000000000000000000000000 | 16 | | 80 | 000000000000000000000000000000000000000 |
| OCATION | : 5.5 | | 7 | 0000000000 | | | | # 0 0 0 0 0 0 0 0 | 3 | | | 620000000 |
| 07 | Z. H0 | оптн | | | Z. H0 | UTH | | 000000000 | Z. HO | птн | | 000000000 |
| | HORI | 501 | | | HORI | SOUT | | 000000000 | HORI | SOU | | 000000000 |
| | 10 | ATION: | | 00000000 | 11 | ATION: | | 00000000 | 12 | ATION: | | |
| | MONTH: | ORIENT/ | i | 11[1 10.0 10.0 22.0 25.00 45.00 56.00 | MONTH: | ORIENT/ | | 10.00 22.00 32.00 35.00 40.00 | MONTH: | ORIENT/ | ; | 110.00 220.00 230.00 30.00 50.00 |

| | 0.182 | DAILY TOTA | RADIATION | 1.98 | 2.25 | 2.48 | 2.57 | 2.65 | 2.72 | 2.76 | 2.81 | 2.80 |
|------------------------|--------------------|------------------------|----------------------|------|-------|-------|------|-------|-------|-------|-------|---------|
| | ΚĎ | | 20 | 0.0 | 0.0 | 0 .0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| TES | | | 19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2 MINUTES | 175 | | 18 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.375 | | 17 18 | 0.00 | 0.00 | 00.0 | 0.00 | 0.00 | 0.00 | 00.0 | 00.0 | 0 . 0 0 |
| GREES | •• | | 16 | 0.08 | 0.10 | 0.12 | 0.12 | 0.13 | 0.13 | 0.14 | 0.14 | 0.15 |
| TH LATITUDE 35 DEGREES | KT: | _ | 10 11 12 13 14 15 16 | 0.18 | | 0.23 | 92.0 | 0.25 | 0.26 | 0.26 | 0.27 | 0.27 |
| LUDE | | HOURLY SOLAR RADIATION | 14 | 0.25 | 0.29 | 0.32 | 0.33 | 0.34 | 0.35 | 0.35 | 0.36 | 0.36 |
| LATI1 | 0.20 | RAD1 | 13 | 0.31 | 0.34 | 0.38 | 0.39 | 0.40 | 0.41 | 0.41 | 0.42 | 0.41 |
| Z Z | REFLECTIVITY: 0.20 | SOLAF | 12 | 0.32 | 0.36 | 0.39 | 0.41 | 0.42 | 0.43 | 0.43 | 0.44 | 0.43 |
| | CTIV | URLY | 11 | 0.31 | 0.34 | 0.38 | 0.39 | 0.40 | 0.41 | 0.41 | 0.42 | 0.41 |
| OGA | REFLE | H | 10 | 0.26 | 0.29 | 0.32 | 0.33 | 0.34 | 0.35 | 0.35 | 0.36 | 0.36 |
| CHATTANDOGA | | | 6 | 0.18 | 0.21 | 0.23 | 0.24 | 0.25 | 0.26 | 0.26 | 0.27 | 0.27 |
| CHA | | | * | 0.08 | 0.10 | 0.12 | 0.12 | 0.13 | 0.13 | 0.14 | 0.14 | 0.15 |
| LOCATION | 5.30 | | 7 | | 0.00 | | | | | | | |
| LOCA | H0: | × | 9 | | 0.0 | 0.0 | 0.0 | 0. | ٥. ٥ | 0. | 0.0 | 0.0 |
| | HORIZ. HO: 5.3 | SOUTH | 5 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 1 | : NOI. | J | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | MONTH: | ORIENTATION: | 111 | 0.0 | 10.00 | 20.00 | Š | 30.00 | 35.00 | 40.00 | 50.00 | 60.00 |

TOTAL ATION

| 0.183 | DAILY TOTAL | RADIATION | 22.22.22.22.22.22.22.22.22.22.22.22.22. | 0.184 | DAILY TOTAL | RADIATION | WW4444WW V000000000000000000000000000000 |
|---------------|-------------|-----------|---|---------------|-------------|-----------|--|
| ΚĎ | | 20 | 00000000 | KD: | | 20 | 00000000 |
| | | 19 | 600000000000000000000000000000000000 | | | 19 | 00000000 |
| .389 | | 18 | 000000000 | 425 | | 18 | |
| 6 | | 17 | 000000000 0000000000000000000000000000 | 6 | | 17 | |
| <u>:-</u> | | 16 | 000000000000000000000000000000000000000 | <u></u> | | 16 | 00000000000000000000000000000000000000 |
| KT | _ | 15 | 00.228 00.320 00.331 00.331 00.331 | 75 | _ | 15 | ###################################### |
| | RADIATION | 14 | 00.00 00.00 00.00 00.00 00.00 00.00 | | RADIATION | | 000000000 |
| .20 | | 13 | 0000000 W44444444 804846444 | .20 | | 13 | |
| TY: 0 | SOLAR | 12 | 0000000 | :TY: 0 | SOLAR | 12 | 000000000 |
| REFLECTIVITY: | HOURLY | 11 | 00000000 844444444 | REFLECTIVITY: | HOURLY | 11 | |
| REFLE | Ħ | | 00000000 0000000000000000000000000000 | REFLE | H | 10 | |
| | | 6 | 00000000 88000000000000000000000000000 | | | 6 | 99999999999999999999999999999999999999 |
| | | | 000000 | | | ∞ | 222222222222222222222222222222222222222 |
| 6.96 | | 7 | 1 0000000 1 0000000 1 00000000 1 4400000000 | 8.72 | | 7 | |
| H0: | I | 9 | 000000000 | H0: | I | 9 | |
| HORIZ. | SOUTH | Ŋ | | HORIZ. | SOUTH | Ŋ | |
| 8 | TION: | æ | | м | r I ON: | | 000000170 |
| MONTH: | ORIENTATION | - | 110 100 100 200 300 350 600 600 600 | MONTH: | ORIENTATION | | 200 200 200 300 300 300 500 600 600 600 |

| | 0.187 | DAILY TOTAL | RADIATION | 400044444 8000608740 8017011000 | 0.187 | DAILY TOTAL | RADIATION | WWWWWAAAW AAWSIII OO KA WWWWOAK W | 0.188 | DAILY TOTAL | RADIATION | WWWWWWAAW VVWAWWWWWW 8WAWV®®WV |
|-------------|--------|-------------|-----------|---|----------|-------------|-----------|---|--------|-------------|-----------|---|
| | ΚÖ | | 20 | | KD: | | 2 | 00000000 | KD: | | N | |
| ES | | | 19 | 00000000 | | | 19 | 00000000 | | | 19 | |
| MINUTES | 72 | | 18 | 000000000 000000000 000000000 | 82 | | 18 | | 96 | | 18 | |
| 2 | 9.0 | | 17 | 00000000 00000000000000000000000000000 | 4.0 | | 17 | 00.223 | 4.0 | | 17 | 00.22 |
| DEGREES | | | | 0.32 0.33 0.33 0.33 0.24 0.27 | <u>:</u> | | 16 | 00.34 00.34 00.34 00.27 00.27 00.27 | | | _ | 00 00 00 00 00 00 00 00 00 00 00 00 00 |
| 35 DE | KT | _ | 15 | 000000000 4444444 44444440 4444440 | <u> </u> | _ | 15 | 00000000000000000000000000000000000000 | 2 | - | 15 | 00.00 00 |
| TUDE | | ATION | 14 | | | IATION | 14 | | | IATION | 14 | 00.000 |
| LATI | 0.20 | R RADI | 13 | 00000000 0000000 000000000000000000000 | 0.20 | R RAD | 13 | 00000000000 | 0.20 | R RAD | 13 | |
| N N | ITY: (| SOLAF | 12 | 00000000 00000000 00000000000000000000 | ITY: (| SOLAF | 12 | | ITY: (| SOLAF | | 80000000000000000000000000000000000000 |
| | ECTIV] | OURLY | - | 000000000 | ECT IV | OURLY | 11 | | ECTIV] | OURLY | 1 1 | 0.56 0.56 0.56 0.56 0.56 |
| DOGA | REFLI | Ĭ | 10 | | REFLI | Ĭ | 10 | 000000000 000000000000000000000000000 | REFLI | Ĭ | 10 | 00000000000000000000000000000000000000 |
| CHATTANDOGA | | | 6 | 00000000 4444444 14644444 | | | • | 000000 00000 00000 00000 00000 00000 | | | 6 | 00000000000000000000000000000000000000 |
| CH | ın | | | 00000000000000000000000000000000000000 | 2 | | •• | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | ĸ | | | 000000000000000000000000000000000000000 |
| OCATION | 10.3 | | | 00.15 00.15 00.15 00.15 00.13 | 11.3 | | | 0.122 0.122 0.139 0.14 0.16 | 11.6 | | ^ | 00.000000000000000000000000000000000000 |
| 10C/ | . HO: | E | • | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | . Ko: | Ξ | 9 | 0000000 000000 0000000 000000 | . H0: | E | 9 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 |
| | HORIZ | SOUTH | 'n | | HORIZ | SOUT | Ŋ | | HORIZ | SOUTH | 'n | |
| | æ | : NOI | 4 | 00000000 | 5 | TION: | * | 00000000 | 9 | TION: | 4 | 00000000 |
| | MONTH: | ORIENTATIO | : | 411- 0.00 0.00 330.00 40.00 60.00 60.00 | MONTH: | ORIENTA | | 225.00 225.00 225.00 230.00 60.00 | MONTH: | ORIENTAL | | 110 0.00 225.00 450.00 550.00 60.00 |

| | 0.187 | DAILY TOTAL | RADIATION | 4. | •• | 7) | ~ (| ٠,٧ | 4.37 | ĸ, | 0.188 | DAILY TOTAL | RADIATION | • | 5.14 5.26 | 2 | ' - | 9 | <u>. ه</u> | S | 0.187 | DAILY TOTAL | RADIATION | 3. | * 4 | 9 | ٠, م | 9.4 | 4,4 | |
|---------|--------|-------------|-----------|------------|-------|------------|------|------------|-------|-------------|--------|-------------|-----------|-----|--------------|-------|------------|------|------------|-------|--------|-------------|-----------|------|------|------|----------|----------------|----------|---|
| | KD: | | N | 0.0 | | • | • | ٠ | | • | KD: | | | • | - O | | • | | | • | KD: | | 20 | ٠ | • | | ٠ | | | |
| ES | | | 19 | | | | • | ٠ | 0.0 | • | | | 19 | ı | | • | • | • • | • • | • • | | | 19 | • | • | • • | • | 90 | | |
| MINUTE | 484 | | 18 | 100 | 90 | 9 | 0,1 | - - | 0.0 | 9. | 200 | | 18 | ! 1 | \$ 0. 0.0 | 0 | 5 C | 9 | 90 | 0 | 486 | | 13 | 0. | | 0 | 9.5 | 000 | 0.0 | |
| 2 | 6 | | 17 | 1 2 | 'n | ! – ! | ٦. | ∹- | 0.14 | | 0 | | 17 | 1 | | . ~ . | ∹~ | . –: | | . – | 6 | | 17 | 7 | 7 | : –: | <u> </u> | 0.12 | <u> </u> | |
| GREES | ·· | | 16 | i wi | יו ני | 'n | M. I | 4) 14 | 0.27 | 2 | •• | | 16 | | 0.34 | m | | | 30 | 1.01 | •• | | 16 | 2 | 'nv | 10 | cic | 0.23 | üü | |
| 35 DE | KT | _ | 15 | | 4.4 | 3 | 4. | 3.4 | 0.39 | ۳. | K | _ | 15 | 1 | 0.47 | • | 3.4 | 4 | 4 4 | .17 | 2 | | 15 | w. | 3. 4 | • | ٠,٧ | 0.43 | 4 W | |
| TITUDE | | ATION | 14 | 1 10 | ນ໌ ຄ | زما | Ŋ. | بن بر | 64.0 | 4 | | ATION | 14 | 1 | 0.57 | 91 | ijΛ | , 7 | יי יי | | | ATION | 51 | 5. | Ų, r | , 7, | ι, n | 0.5 | າບ າບ | |
| LATI | 0.50 | RADI | 13 | 0.64 | 9 4 | 9 | 9 | <u>ه</u> د | | ٠. | .20 | RADI | - | ! | 9.64 | 9 | 9.4 | | 9.9 | | 1.20 | RADI | 13 | .5 | 9.4 | 9 | 9, | 0.62 | ٠, r. | |
| T. | ITY: 0 | SOLAR | 12 | 0.66 | ب ف | 9 | 9. | 94 | | 'n | ITY: 0 | SOLAR | 12 | - | 9.0 | 9 | 9 4 | Ó | 9 9 | י עַי | ITY: 0 | SOLAR | 12 | 3 | 9 | 9 | 9. | 0.65 | ٠. تى | |
| | ECTIVI | HOURLY | - | 1 9 | ئ م | . 49 | 9 | 9,4 | | ທຸ | ECTIV | OURLY | _ | ì | 9.64 | 9 | 9 4 | . 6 | 9.4 | 'n | ECTIVI | OURLY | 11 | 1 10 | 9.4 | 9 | 9. | 0.62 | ٠. ره. | |
| ANOOGA | REFL | Ξ | 10 | 1 10 | ה יה | iν | S | יטי | 50.0 | 4 | REFLI | Ĭ | | ; | 9.57 | 9 | י ע | نمز | ט ע | | REFLI | Ĭ | 10 | | יט מ | نمز | N. | 0.55 | 'n. | |
| ATTAN | | | | | 4.4 | • | 4 | 4 | 33 | m. | | | | | 6.47 | 4 | 4 | 4 | 4.4 | . W. | | | | l W | 4 | . 4 | 4. | 0.43 | 4 W |) |
| CH | _ | | • | 0.37 | M) W | | | M) H | | Ġ | | | | 1 | 0.34 | | W.H | . v. | i, u | 101 | | | 10 | N | 'nι | iñ | i, | 0.28 | ui | |
| OCATION | 11.30 | | 7 | 0.23 | ښد | . – | 7 | <u>-</u> | ; – ; | ~. | 10.27 | | 7 | ! | 2 × | · ~ : | Ξ- | : -: | -:- | : -: | 8.67 | | ~ | ; ~: | ٦. | : =: | | 0.12 | | |
| 10C | H0: | Ξ | 9 | | e, c | | 0. | 0,0 | | c. | H0: | × | | ŀ | 90.0 | | 0,0 | . 0 | <u>.</u> د | | H0: | . | | 0 | 0.0 | 0 | 0 | 0.00 | 00 | • |
| | HORIZ. | SOUT | S | | ٠ | | • | ٠ | | • | HORIZ. | SOUTH | 8 | ı | ۵ د د د | | ٠ | | • | | HORIZ. | SOUTE | S | | • | | | 0.0 | | • |
| | 7 | r ION: | | 0.0 | • | ٠. | • | • | | • | •0 | LION: | | • | 0 C | | • | | • | • • | • | TION: | _ | ٠. | • | | | 90 | -, -, | |
| | MONTH: | ORIENTAT | ; | 11. 0.0 | 0.0 | 9 6 | 0.0 | ر و د | | 0.0 | MONTH: | ORIENTAT | i | _ | 000 | 0.0 | 0,0 | | 9.0 | | MONTH: | ORIENTAI | ; | 0.0 | 0.0 | 9.0 | 0.0 | 35.00 40.00 | 0.0 | • |

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| | 0.187 | DAILY TOTAL | RADIATION | wwaaaaaa nounaanna oomwoaaa | 0.186 | DAILY TOTAL | RADIATION | 22288888888 48124888 825844888 | 0.183 | DAILY TOTAL | RADIATION | 22.22.22.22.22.22.22.22.22.22.22.22.22. |
|---------|--------|-------------|---------------|--|--------|-------------|-----------|--|----------------|---------------|-----------|---|
| | χĎ: | | | 00000000 | ΚĎ | | | 00000000 | KD: | | | 000000000 |
| ITES | | | 19 | 000000000 | | | | | | | 19 | 00000000 |
| MINUTE | 510 | | | 00000000 | 463 | | - | 00000000 | 394 | | 18 | 00000000 |
| 5 2 | 0 | | 17 | | 9 | | 17 | | ن | | - | 00000000 |
| EGREE | :- | | | 00000000 | :- | | Ä | 00000000000000000000000000000000000000 | - - | | 16 | |
| 35 01 | Σ | _ | - | 00000000 1 mmm444444 | ¥ | z | - | 00000000000000000000000000000000000000 | Σ | z | - | 000000000000000000000000000000000000000 |
| TITUDE | | RATION | 16 | 4400000000 980004000 | | ATIO | \vdash | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | | IATION | 16 | 00.22 |
| LAT11 | .20 | RADI | | 220222222 | 02.0 | RADI | 13 | | 1.20 | RAD | 13 | 00000000000000000000000000000000000000 |
| × | TY: 0 | SOLAR | $\overline{}$ | 00000000 00000000 000000000 00000000 | TY: 0 | SOLAR | 12 | 24.000000 24.000000 24.00000000000000000 | TY: 0 | S01 AR | 12 | |
| | ECTIVI | HOURLY | II | 0000000000 000000000000000000000000000 | ECTIVI | HOURLY | 11 | 00000000 m.4.4.0.0000 m.4.4.0.000 m.4.0.000 | ECTIVI | OURLY | 11 | |
| NOOGA | REFLE | H | 10 | | REFLE | H | 10 | | REFLE | ¥ | 10 | |
| TTA | | | 0 | 00000000 WWW446444 CARMINING | | | • | 222 222 222 222 232 232 232 232 232 232 | | | 0 | 00.22 |
| CHA | | | •0 | | | | ** | 00.115 00.115 00.115 00.115 10.105 | _ | | •• | 000000000000000000000000000000000000000 |
| OCATION | 6.85 | | 7 | | 5.26 | | ^ | | 4.64 | | | 000000000 |
| 1007 | . ко: | Ξ | | 000000000 | . H0: | Ξ | | 00000000 | . HO: | E | | 00000000 |
| | HORIZ | SOUT | - | | HORIZ | SOUTH | | | HORIZ | SOUT | | |
| | 10 | TON: | * | 00000000 | 11 | TION: | | 00000000 | 12 | I ON: | | 00000000 |
| | MONTH: | ORIENTATI | ; | 71LT 10.00 20.00 30.00 35.00 50.00 60.00 | MONTH: | ORIENTAI | | 20000000000000000000000000000000000000 | HONTH: | OPIENTATI | i | 2200.00 2200.00 2200.00 200.00 200.00 |

| | 0.182 | DAILY TOTAL | RADIATION | 222222 222222 2222222 222222 | 0.183 | DAILY TOTAL | RADIATION | 22222222222222222222222222222222222222 | 0.185 | DAILY TOTAL | RADIATION | WW44444W VVIIIII VWCIALIIII VWCIALIIII VWCIA |
|---------|------------|-------------|-----------|--|--------|-------------|-----------|--|----------|-------------|-----------|--|
| | KD: | | 0 | 00000000 | ë | | N | 00000000 | KD: | | ~ | 000000000 |
| res | | | | 00000000 | | | - | 000000000 | | | 19 | 000000000 |
| MINUT | 379 | | | 00000000 | 398 | | - | 00000000 | 135 | | - | |
| 5 49 | 0 | | 17 | 00000000 | 6 | | 17 | 0000000 000000 0000000 | | | 17 | |
| EGREES | : - | | 16 | | Ë | | 16 | | <u>:</u> | | • | 22222222 |
| 35 Pi | ū | _ | 15 | | ⋤ | _ | 15 | | Ų | _ | 15 | 20000000000000000000000000000000000000 |
| TUDE | | ATEON | 14 | 00000000 | | ATION | 14 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | | ATION | 14 | 00000000000000000000000000000000000000 |
| LATI | 0.20 | R RADI | 13 | | 02.1 | RADI | 13 | | 1.20 | R RADI | 13 | |
| N. | 17: | SOLA | ~ | 000000000 | ITY: 0 | SOLAR | 12 | 00000000 444444444 144866644 | TY: 0 | SOLAG | 12 | 000000000000000000000000000000000000000 |
| | FLECTIVI | HOURLY | 11 | | ECTIVI | HOURLY | 11 | 00000000 00000000 00000000000000000000 | ECTIVI | HOURLY | 11 | |
| LE | REFL | Ī | 10 | | REFL | Ī | | & K & O A A A A A A A A A A A A A A A A A A | REFL | Ĭ | - | 44444444 |
| NOXVILL | | | • | 00000000 | | | • | | | | • | 00000000 0000000 000000000000000000000 |
| X | ¥ | | •0 | 000000000 | ĸ | | •• | 0000000 HHHHHHHHHH | J | | •0 | 000000000 |
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| 100 | . но: | TH | 9 | 00000000 | . HÖ . | Ŧ. | | | . HO: | Ŧ | 9 | 000000000 |
| | HORIZ | SOUTH | ١٠ | | HORIZ | SOUTH | 5 | | HORIZ | SOUTH | 'n | 00000000 |
| | ~ | TION: | | 00000000 | ~ | r I OH: | | 00000000 | ~ | TTON: | | 000000000 |
| | HINGW | CRIENTAL | : | 7 11 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | MONTH: | ORIENTAT | ; | 60000000000000000000000000000000000000 | MONTH: | ORIENTAT | į | 111- 220-00 220-00 220-00 220-00 200-00 200-00 |

| | 0.187 | DAILY TOTAL | RADIATION | 5.05 | 5.17 | 5.19 | 5.15 | 2.8 | 2.00 | 4.89 | 4.58 | 4.19 |
|---------------------|--------------------|------------------------|----------------------|------|------------|----------|-------|------------|-------|---------|------|----------|
| | ĸĎ: | | 20 | 0.0 | 0 . | . | 0.0 | 0 0 | 0.0 | o. 0 | 0.0 | 0.0 |
| ES | | | 19 | 0.0 | 0.0 | 0.0 | 0.0 | ø. 0 | 0.0 | 0.0 | ٥. ٥ | ٥. |
| 49 MINUTES | 6.489 | | 17 18 | 0.05 | 0.04 | | 0.03 | 0.03 | | | 0.03 | c.03 |
| | • | | , | 0.19 | 0.18 | 0.18 | 0.17 | 0.17 | 0.16 | 0.15 | 0.34 | 0.12 |
| EGREES | K.T.: | | 16 | 0.53 | 0.34 | 0.33 | 0.33 | 0.32 | 0.32 | 0.31 | 0.28 | 0.25 |
| 35 D | * | | 15 | 95.0 | 0.47 | 0.47 | 0.47 | 0.47 | 95.0 | 0.45 | 0.42 | 0.38 |
| JOE | | LITION | 14 | . 56 | 0.58 | . 58 | . 58 | . 58 | 1.37 | . 56 | 0.53 | .48 |
| LATITUDE 35 DEGREES | 1.20 | HOURLY SOLAR RADIATION | 10 11 12 13 14 15 16 | 0.62 | 0.64 | 0.65 | | | | | | |
| I. | TY: (| SOLAF | 12 | 99.0 | 0.67 | 0.68 | 0.68 | 0.67 | 99.0 | 0.65 | 0.62 | 0.57 |
| | REFLECTIVITY: 0.20 | URLY | 11 | 0.62 | 99.0 | 0.65 | 0.65 | 0.65 | 9.0 | 0.63 | 0.59 | 0.55 |
| ш | REFLE | H | 10 | 0.56 | 0.58 | 0.58 | 0.00 | 0.58 | 0.57 | 9.56 | 0.53 | 0.48 |
| KNOXVILLE | | | • | 6.6 | 74.0 | 67 | 0.47 | 14.0 | 6.6 | 6.5 | 6.42 | .25 0.38 |
| KNO | | | •• | | | | | | | | | - |
| LION | 10.31 | | ^ | 19 | 0.18 0 | . 18 | _ | 17 | . 16 | 0.15 | | 12 |
| LOCATION | | I | • | 0.05 | 50. | | 9 | 503 | . 0.3 | 20 | 0.03 | 0 |
| | HORIZ. HO: 10.31 | SOUTH | S | 0.0 | | 0 | 0 | 0 | 0 | 0 | 0 | • |
| | • | ION: | • | 0.0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| | MONTH: | ORIENTATION: | • | | 10.00 | 20.00 | 25.00 | • | | • | | 60.00 |

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| 0.188 | DAILY TOTAL | RADIATION | NNNNNNNA4 9.9.0.4.0.0.0 8.8.0.0.0.0 | 0.186 | DAILY TOTAL | RADIATION | ₩₩₩₩₩₩₩ ₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩ |
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| 205 | | 18 | 800000000 | .514 | | 18 | 000000000000000000000000000000000000000 |
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| :: -: | | 16 | | Ë | | 16 | |
| × | z | 15 | 0.00 | K | z | | 00000000 |
| | RADIATION | 14 | 66666666 | | RADIATION | | |
| 0.20 | | 13 | 00000000 | 0.20 | | 13 | 00000000 |
| ITY: | SOLA | 12 | 90000000 | IIY: | SOLA | | 60906066 |
| REFLECTIVITY: | HOURLY SOLAR | 11 | 800000000 | REFLECTIVITY: | HOURLY SOLAR | 11 | 00000000 |
| REFL | I | 10 | 00000000 | REFL | Ŧ | 10 | 00000000 |
| | | Φ. | 00000000 | | | • | 00000000 |
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| 11.32 | | 7 | 00000000 | 11.6 | | 7 | |
| : HO: | H | • | 00000000 | .: #0: | Ŧ | • | 00000000 |
| HORIZ. | SOUTH | S | | HORIZ. | SOUTH | S | 00000000 |
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| MONTH: | ORIENTATION | ; | 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | MONTH: | ORIENTATION | | 50000000000000000000000000000000000000 |

| | 0.188 | DAILY TOTA | RADIATION | • | 9 | 'n | 4 | ۳) - | 77.6 | 'n | 0 | 0.186 | DAILY TOTA | RADIATION | | Ö۳ | • | M, r | ? (| 7 | 4.78 4.36 | | 0.187 | DAILY TOTA | RADIATION | 17 | . 40 | e 0 | | 4.87 | • |
|---------|--------|------------|---------------|-------|------|------|------|----------|--|-----|------|----------|------------|-----------|------|-------------|------|----------|-------------|------|--------------|--------|--------|------------|-----------|------|---------------|------------|----------------|----------------|-----|
| | KD: | | 20 | | | • | ٠ | ٠ | | • | • • | 20 | | ~ | 1 | • | • • | ٠ | • | • | 0 0 | | KD: | _ | 20 | 0.0 | | • | | - - | |
| rES | | | 61 | | 9 | • | 9 | 0 | | 9 | 0 | | | - | 1 | • | • • | • | • | • | 00 | | | | | 0.0 | | • | | | ٠, |
| MINUTES | .03 | | 18 | | ت | • | 0. | | | | - | 13 | | | ! | 0, 9 | | 9 | 9 Q | 0 | 0.03 | | 80 | | 18 | | • | 0.0 | . 0 | 00.00 | 0 |
| 4 | 0.5 | | 17 | | | 3 | 'n | ~ · | • | - | : -: | 6.5 | | - | 1 | - :- | : = | -4. | | 7 | 0.14 | | 0.5 | | 17 | 0.11 | 77 | ٦. | | 7.7 | - |
| DEGREES | | | 16 | " | . w | ۳, | | ٠. | ?" | د د | 0.29 | •• | | ~ | ; | w | . wi | M. | | 3 | 0.29 | 1 | | | 16 | | in | m. " | . w | in | 2 |
| 35 DE | KT | | 15 | | .51 | 000 | 65 | 40 I | - u | , , | 37 | KT | | 15 | 1 1 | ٠ • | 6 5 | 64. | | . 47 | 4 0 | | KT | | 15 | 9 | \$. A. | 55. | 6. 4. 5. 5. | 4.4 | 7 |
| TUDE | | ATION | 14 | - 14 | | . 61 | 09. | 60. | 2,4 | | • | | ATION | | 1 | 85.4 | 3.5 | .61 | 9.5 | .58 | 0.55 | | | ATION | 14 | 51 | | 50 | v. v. ∞ •× | .57 | .53 |
| ATIT | .20 | RADI | > > | 67 | 80 | 89 | .67 | 99. | 50. |) K | 0.52 | 20 | RADI | 13 | 1 1 | .65 | 5.5 | 9. | 20. | 99. | 0.62 | | .20 | RADI | 13 | 80. | 7.0 | .65 | 999 | 5.65 | 9. |
| Z. | TY: 0 | SOLAR | 12 | . 0 4 | . 70 | . 70 | 69. | 9. | .67 | | 0.55 | TY: 0 | SOLAR | 12 | 1 | .67 | .7. | .71 | 7.5 | 89 | 0.65 | 1 1 | 1Y: 0 | SOLAR | 12 | 09 | 6.0 | 89. | 8 8 80 | 89.9 | 63 |
| | IVI | OURLY | 11 | 67 | 89 | .68 | .67 | 99. | 50 |) e | | CTIVI | ۲ | 11 | 1 | .65 | 6.9 | 9 | . 68 7 | .66 | 0.62 | ! | TIVI | URLY | 11 | 58 | . 6. 5. 7. | .65 | 99. | 5.65 | 9. |
| E. | REFLEC | H | 10 | - 5 | 19 | .61 | 60 | 65. | . 50 10 10 10 10 10 10 10 10 10 10 10 10 10 | | | REFLE | HOUR | 10 | 1 | 53 | 9. | .61 | 9.4 | .58 | 0.55 | ! | REFLEC | Đ | 10 | .51 | | 10.1 | ٠. د د | ~ 4 | 55. |
| HOXVILL | | | ۰ | - | 12 | . 50 | 65. | S | . 47 | . 4 | 41 | | | • | !!!! | ٠ • | 6 | 63 | D & | . 47 | 44.0 | • | | | • | 0.0 | 3.6 | 5. | 9.4° 6.7° | 4.4 N.4 | 3 |
| KND | | | •0 | | 90 | . 36 | . 35 | ٠ ا | M. | | 0.24 | | | •• | 1 | 36 | 36. | 36 | ٠. در در | .35 | 0.29 | | | | •• | 27 | 200 | 200 | 300 | .25 8 K | :23 |
| OCATION | 11.30 | | 7 | 26 | 23 | .21 | . 20 | . 19 | 2: | 71. | | 10.24 | | ^ | | 61. | 13 | .17 | .17 | . 12 | 91.0 | ! | 8.59 | | | 11. | 12 | .12 | 77. | 20 | === |
| LOCA | : 9 | I | | 0 | • | - | • | 0 | - 9 | > € | . 0 | H0: | × | • | 1 | 9 0 | 50. | . 03 | 20. | .03 | 0.03 | | H0: | I | 9 | 00 | 000 | 00 | 00 | 0 | 00 |
| | HORIZ. | SOUT | Ŋ | | . 6 | 0 | θ, | 0 | 0,0 | | | HO?12. | SOUTH | | i | • | • - | - | • | | 0.0 | • | HORIZ. | SOUT | | | • | | | 00 | |
| | 7 H | IGN: | | 0 | • . | | • | • | • | • | | ≈ | : NO. | | 1 | • | | • | | | 0.0 | | x | . NO. | 4 | 6.0 | • | | | 00 | |
| | MONTH: | ORIENTATI | ; | TILT | | 0.0 | 5.0 | 0.0 | o. o |) c | | MONTH: | ORIENTATI | | J | 0.0 | 90 | 5.0 | 0 v | .0 | 50.00 | | MONTH: | ORIENTATI | i | 0.0 | 00 | 5.0 | 6. D | | |

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| | 0.185 | DAILY TOTAL | RADIATION | WW4444 W@W40 W@OWW∺ | نمفد | 0.185 | DAILY TOTAL | RADIATION | 00000000000000000000000000000000000000 | 0.183 | DAILY TOTAL | RADIATION | 12222222222222222222222222222222222222 |
|---------|------------|-------------|------------|--|---------|----------|-------------|-----------|--|----------|-------------|-----------|--|
| | KD: | | 20 | 000000 | | KD: | | 20 | 00000000 | KD: | | ~ | 00000000 |
| TES | | | → ! | 000000 | | | | 19 | 00000000 | | | - | 000000000 |
| MINUT | 524 | | | 000000 | 000 | 467 | | 18 | 000000000 | 398 | | | 000000000 |
| S 49 | | | 17 | | 000 | 9 | | 17 | 00000000 | 9 | | 17 | 000000000 |
| GREE | : • | | 16 | • • • | uiui | <u>:</u> | | 16 | 00000000000000000000000000000000000000 | <u>:</u> | | | |
| 35 DE | KT | _ | 15 | NWAAAA | 444 | Z | _ | 15 | | K | _ | 15 | 00.22 |
| ITUDE | | ATION | - | 4.0000 4.4.0.00 4.0.0.00 7.0.000 7.0.000 | | | ATION | | 00000000000000000000000000000000000000 | | ATION | | |
| LATIT | .20 | RADI | 13 | | 999 | . 20 | RADI | 13 | | .20 | RADI | 13 | |
| TN | TY: 0 | SOLAR | 12 | | 999 | TY: 0 | SOLAR | p1 | 0.540 0.550 0.550 0.550 0.555 0.574 | TY: 0 | SOLAR | 12 | 00000000 0000000 00000000 000000000 |
| | ECTIVI | OURLY | 11 | | 999 | ECTIVI | OURLY | 11 | 00 00 00 00 00 00 00 00 00 00 00 00 00 | ECTIVI | URLY | 11 | 0000000 000000 0000000 0000000 |
| w | REFLE | H | | 44.00 44.00 50.00 76.00 76.00 | ຕ່ຕໍ່ຕໍ | REFLE | H | | 00.331 00.344 00.445 00.444 0.474 | REFLE | H D | 10 | 00000000000000000000000000000000000000 |
| OXVILL | | | 6 | 0.00 0.03 0.40 0.42 4.04 6.04 | 444 | | | 0 | 00.22 00.22 00.33 00.33 00.33 00.33 00.33 00.33 | | | 6 | 00.223 |
| KNO | | | 90 | 0.23 0.23 0.25 0.25 | unu | ю | | •0 | 0.09 0.12 0.15 0.15 0.17 0.18 | | | ø | 00.00 |
| OCATION | 6.74 | | 7 | 200000 200000 2400000 | 000 | 5.13 | | | 00000000 | 4.5] | | | 00000000 |
| 10C/ | . HO: | Ξ | | 000000 | | . HO: | E | | 000000000 | . но: | Ξ | | |
| | HORIZ | SOUTH | 2 | 000000 | | HORIZ | SOUTH | | | HORIZ | SOUT | 'n | 00000000 |
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| | MONTH: | ORIENTATION | ; | 11. 0.0 10.00 20.00 30.00 | 000 | MONTH: | ORIENTA | ; | 110 100 100 2200 3300 3500 5000 6000 | MONTH: | ORIENTAT | ; | 117 0.0 10.0 20.00 35.00 45.00 60.00 |
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| | 0.183 | DAILY TOTA | RADIATION | 22222222 24.22.23 24.23 25.23 26.23 | 0.184 | DAILY TOTA | RADIATION | 01288888888 6010467776 8800074408 | 0.186 | DAILY TOTA | RADIATION | 4444444 01444444 01444444 |
|---------|-----------|-------------|-----------|--|--------|------------|-----------|--|--------|------------|-----------|--|
| | KD: | | 20 | 00000000 | KD: | | | 00000000 | ΚĎ | | | 000000000 |
| res | | | 19 | 00000000 | | | 19 | 00000000 | | | 19 | 000000000 |
| MINUT | 107 | | 18 | 000000000 | 428 | | 18 | | 462 | | ₩ : | 000000000 |
| REES 3 | 0 | | 17 | | | | 17 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | ., | | 17 | |
| w | ·• | | 16 | | •• | | | 0000000 000000 0000000 0000000 | •• | | | 00.25 00.27 00.27 00.27 00.25 00.25 |
| 35 DE | X | | 15 | 000000000000000000000000000000000000000 | 2 | _ | 15 | 00000000000000000000000000000000000000 | 7 | | 15 | 00000000000000000000000000000000000000 |
| TUDE | | ATION | 14 | 00000000000000000000000000000000000000 | | ATION | _ | 0000000 W4444000 W444444 W44444444 | | ATION | 14 | 200000000 200000000 2000000000 200000000 |
| LATIT | [TY: 0.20 | RADI | 13 | 00000000 1 | .20 | RADI | 13 | 0000000 444000000 644000000000000000000 | .20 | RADI | 13 | 00000000 00000000 000000000 000000000 |
| × | | SOLAR | _ | 00000000 0000000 00000000 000000000000 | TY: 0 | SOLAR | 12 | 000000 440000000 4600000000000000000000 | TY: 0 | SOLAR | - | 000000000000000000000000000000000000000 |
| | ECTIVI | URLY | 11 | 00000000 00000000 000000000000000000 | crivi | OURLY | 11 | | ECTIVI | HOURLY | 11 | 00000000000000000000000000000000000000 |
| | REFLE | 문 | - | 00000000000000000000000000000000000000 | REFLE | H | 10 | | REFLE | ¥ | 10 | 20000000000000000000000000000000000000 |
| EMPHIS | | | 0 | 0.220000.22000.22000.22000.22000.22000.22000.22000.22000.22000.220000.220000.220000.220000.220000.2200000.220000.220000.220000.220000.2200000.220000.220000.220000.22000000 | | | | 0000000 000000 000000 000000 000000 | | | 0 | 00 00 00 00 00 00 00 00 00 00 00 00 00 |
| ME | • | | | 0000000 0000000 0000000000000000000000 | | | •• | 0.220 0.220 0.220 0.222 0.222 1.222 | • | | •0 | 00.25 00.27 00.27 00.27 00.25 |
| OCATION | 5.29 | | ^ | | 96.9 | | 7 | 0000000 0000000 00000000 | 8.72 | | ~ | 000000000000000000000000000000000000000 |
| 7007 | . HO: | ± | 9 | 00000000 | . HO: | 폰 | 9 | 00000000 | . KO: | Ξ | 9 | 000000000000000000000000000000000000000 |
| | HORIZ | SOUTI | Ŋ | | HORIZ | SOUTH | 'n | 00000000 | HORIZ | SOUTH | 'n | 000000000 |
| | - | ION: | | 00000000 | ~ | 10N: | Ţ | | m | ION: | 4 | 00000000 |
| | MONTH: | ORIENTATION | ; | 11[- 10.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 | MONTH: | ORIENTAT | | 60000000000000000000000000000000000000 | MONTH: | ORIENTAT | | 50000000000000000000000000000000000000 |

| | 0.188 | DAILY TOTAL | RADIATION | NNNNNNAAA MUNUMMAAA MUNUMMAAN MODAADBAN | 0.184 | DAILY TOTAL | RADIATION | NNNNNNNA ••••• •••• •••• ••• ••• • | 0.181 | DAILY TOTAL | RADIATION | ᲒᲒᲢ ᲓᲓᲓᲓᲓᲓ ᲡᲡᲥᲔᲒᲓᲓᲓ ᲬᲓᲓ Ბ ᲓᲓᲚ |
|---------|---------|-------------|-----------|--|--------|-------------|-----------|---|----------|-------------|-----------|--|
| | ΚĐ | | 20 | | KD: | | 20 | 00000000 | χĎ | | | |
| ES | | | 19 | 00000000 | | | 19 | 00000000 | | | 6 | 000000000000000000000000000000000000000 |
| MINUTE | 66 | | 18 | 00000000 0000000 | 25 | | 18 | 000000000000000000000000000000000000000 | 53 | | | 00.000.000.000.000.000.000.000.0000.0000 |
| M | 4.0 | | 17 | | 0.5 | | 17 | • • • • • • • | 0.5 | | 17 | 000000000000000000000000000000000000000 |
| GREES | •• | | 16 | 00000000000000000000000000000000000000 | •• | | 16 | 4 min min min di | | | - | 444888888 |
| 35 DE | KT | | 15 | | KT | | 15 | 0000000 00000000 000000000000000000000 | X | | 15 | 000000 000000 000000000000000000000000 |
| 3an | | ATION | 14 | | | ATION | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | ATION | 14 | |
| LATIT | .20 | RADI | 13 | | . 20 | RADI | - | 0.70 0.71 0.71 0.72 0.65 0.66 0.55 | . 20 | RADI | | 0.75 0.75 0.72 0.70 0.68 0.65 |
| N N | [TY: 0 | SOLAR | 12 | | ITY: 0 | SOLAR | 12 | 0.72 | TY: 0 | SOLAR | 12 | 0.77 0.77 0.75 0.73 0.73 0.73 |
| | CTIVI | HOURLY | Ξ | | ECTIVI | OURLY | 11 | | FLECTIVI | HOURLY | 11 | 0.75 0.75 0.72 0.70 0.68 0.68 |
| | REFLECT | ¥ | 0.1 | | REFLE | ¥ | - | 00000000000000000000000000000000000000 | REFLE | Ħ | 10 | |
| EMPHIS | | | Φ. | 00000000 4444444 788887986 | | | 6 | ווְיוּיוֹיִייִייִייִייִייִייִייִייִייִייִייִייִי | | | • | 00000000000000000000000000000000000000 |
| ME | | | •0 | 4444mmmm | | | •0 | 00.000000000000000000000000000000000000 | | | 90 | 444 W W W W W W W W W W W W W W W W W W |
| OCATION | 10.35 | | 7 | 000000000000000000000000000000000000000 | 11.32 | | 7 | 00.23 | 11.65 | | 7 | 0.23 0.23 0.23 0.13 0.15 |
| LOCA | H0: | I | | 1 000000000 1 00000000 1 444mmmmmm | H0: | I | 9 | 0.00 | : OH | ¥ | 9 | 0.12 0.08 0.08 0.05 0.05 0.05 0.05 |
| ر ب | HORIZ. | SOUTH | 1 | 00000000 | HORIZ. | SOUTH | 5 | 00000000 | HORIZ. | SOUTH | S | 000000000000000000000000000000000000000 |
| | J | TION: | | 00000000 | S | TION: | | 00000000 | • | TION: | | |
| | MONTH: | ORIENTA | - | 110- 100- 100- 100- 100- 100- 100- 100- | MONTH: | ORIENTA | - | 50.00 50.00 50.00 50.00 60.00 | MONTH: | ORIENTA | : | 200.00 355.00 355.00 56.00 50.00 |

| | 0.181 | DAILY TOTAL | RADIATION | 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | 0.180 | DAILY TOTAL | RADIATION | るろうろうろうらか とうか。 できる。 で。 できる。 できる。 できる。 できる。 できる。 できる。 できる。 できる。 できる。 できる。 で。 できる。 できる。 できる。 できる。 できる。 できる。 できる。 できる。 できる。 できる。 で。 で。 で。 で。 で。 で。 で。 で。 で。 で | 0.183 | DAILY TOTAL | RADIATION | 440000004 6011000000 840000000000000000000000000000 |
|---------|---------|-------------|-----------|---|--------|-------------|-----------|--|----------|-------------|---------------|---|
| | ΚĎ | | 20 | 00000000 | Ö | | 20 | | χQ | | 20 | |
| ES | | | 19 | 00000000 | | | | 00000000 | | | | 00000000 |
| MINUTE | 920 | | 18 | | 099 | | 18 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | 535 | | 18 | |
| S | 0.5 | | | 000000000000000000000000000000000000000 | 0.5 | | 17 | 0.20 0.20 0.19 0.18 0.17 0.16 | -: | | 17 | 0.12 0.13 0.13 0.13 0.12 |
| EGREE | <u></u> | | | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | •• | | 16 | | <u>:</u> | | 16 | |
| 35 DE | K | | 15 | 00000000000000000000000000000000000000 | KT | _ | 15 | | Σ | | 15 | 000000 |
| TITUDE | | ATION | 14 | | | ATION | - | nooooooo | | ATION | \rightarrow | 00.000 |
| LATII | 1.20 | RADI | 13 | | 0.50 | RADI | 13 | 0.72 0.72 0.73 0.73 0.68 3.68 | 1.20 | RADI | 13 | 0.52 0.70 0.70 0.70 0.70 0.70 0.64 |
| × | ITY: 0 | SOLAR | 12 | 0.75 | ITY: 0 | SOLAR | 12 | 0.74 0.78 0.78 0.78 0.78 0.77 0.75 | ITY: 0 | SOLAR | 12 | |
| | ECTIV. | OURLY | 1 | | ECTIV | HOURLY | 11 | | ECT IV | HOURLY | 11 | 00.700000.7000.7000.7000.7000.7000.70000.70000.7000.7000.7000.7000.70000 |
| | REFL | Ī | 10 | | REFL | Ŧ | 10 | | REFL | Ĭ | 10 | |
| EMPHIS | | | 0 | 000000 000000 000000000000000000000000 | | | 6 | 4 4 4 4 4 4 4 4 4 4 4 4 4 | | | 6 | |
| æ | | | •0 | 00000000000000000000000000000000000000 | _ | | •0 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 7 | | | |
| OCATION | 11.3 | | 7 | 000222000000000000000000000000000000000 | 10.2 | | 7 | 0.20 0.19 0.19 0.18 0.16 0.16 | 8.6 | | 7 | |
| 707 | . H0: | H | 9 | 000000000000000000000000000000000000000 | . H0: | TH | | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | . HO: | Ŧ | | 00000000 |
| | HORIZ | SOUT | | | HORIZ | SOUTH | | 00000000 | HORIZ | SOUTH | | |
| | 7 | TION: | | | •¢ | TION: | | 00000000 | 6 | TION: | | 00000000 |
| | MONTH: | ORIENTA | ; | 10.00 10.00 30.00 30.00 60.00 60.00 | MONTH: | ORIENTA | ; | 220.00 225.00 330.00 60.00 60.00 60.00 | MONTH: | ORIENTA | i | 11. 0.0 10.00 25.00 35.00 40.00 50.00 |

| | 0.180 | DAILY TOTAL | RADIATION | w4444604 8040 6487 6487 6487 6487 | 0.187 | DAILY TOTAL | RADIATION | 20000000000000000000000000000000000000 | 0.184 | DAILY TOTAL | RADIATION | 40000000000000000000000000000000000000 |
|---------|------------|-------------|-----------|--|--------|-------------|-----------|--|--------|-------------|-----------|---|
| | KD: | | 20 | | KD: | | | 99999999 | Ë | | | |
| TES | | | 19 | | | | | | | | 19 | 00000000 |
| MINUTE | 554 | | - | | 490 | | 18 | | 427 | | 18 | 000000000 |
| 8 | | | 17 | 00000000 | 9. | | 17 | 00000000 | 9 | | 17 | 00000000 |
| EGREE | . : | | 16 | 00000000 | : : | | 16 | 00000000 | Ξ | | | 00000000 |
| 35 D | × | × | 15 | | ¥ | Z | 15 | 00000000 | ¥ | × | 15 | 00000000 |
| ATITUDE | | ATI | 14 | 00000000 | | IATION | 14 | 00000000 | | IATIO | 14 | 00000000 |
| LATI | 0.20 | AR RADI | 13 | 00000000 | 0.20 | IR RAD | 13 | 00000000 | 0.20 | IR RAD | | 000000000 |
| ĭ | /ITY: | 20 L | 12 | 0000000 | /ITY: | SOLA | 12 | 00000000 | /ITY: | SOLA | 12 | 27 H W W W W W W W W W W W W W W W W W W |
| | EFLECTIV | HOURLY | = | | ECTIV | HOURLY | 11 | ัช ซ เกมเกมเกมเกม ซ | ECTIV | 10URL Y | 11 | MMGGGGGG |
| S | REF | - | 10 | | REFI | | | | REFL | _ | 10 | I NWWWWWG44 |
| EMPHI | | | | | | | 6 | | | | σ. | |
| Σ | 85 | | | | 25 | | | | 49 | | | 00000000 |
| OCATION | | | | 00000000 | N | | | | | | | |
| 07 | Z. HO | SOUTH | | | 1Z. HO | SOUTH | | | 2. но | OUTH | | |
| | HORIZ | 80 | | | HORI | | | | HORIZ | SO | | |
| | 10 | ATION: | J | 00000000 | 11 | ATION: | | 0000000 | 12 | ration: | | |
| | MCNTH: | ORIENTAT | 7 | 71L7 0.0 0.0 220.00 25.00 35.00 60.00 60.00 | MONTH: | ORIENTA | ; | 110.00 110.00 220.00 330.00 540.00 | MONTH: | ORIENT | ï | 1111 10.00 220.00 330.00 355.00 550.00 |

| | 0.181 | DAILY TOTAL | RADIATION | 22222222222222222222222222222222222222 | 0.182 | DAILY TOTAL | RADIATION | 33.221 33.221 33.221 33.221 33.221 | 0.184 | DAILY TOTAL | RADIATION | 80000000000000000000000000000000000000 |
|--------|----------|-------------|-----------|--|--------|-------------|------------|---|--------|-------------|-----------|---|
| | ΚĎ | | 2 | 00000000 | KD: | | 20 | 00000000 | KD: | | 20 | |
| TES | | | 19 | | | | 19 | | | | 19 | |
| MINUTE | 357 | | 7 | 00000000 | 382 | | | | 414 | | | |
| S 7 | 0 | | 17 | | 0 | | | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | 0.0 | | 17 | |
| GREE | <u>:</u> | | 16 | | | | 9 | 0.14 0.15 0.18 0.18 0.18 0.18 | Ë | | | 00000000000000000000000000000000000000 |
| 36 DE | X | | 15 | | ¥ | | 15 | | 7 | _ | 15 | 0.37 0.37 0.37 0.37 0.38 0.38 |
| Jan. | | ATION | 16 | 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 | | ATION | 14 | 0.39 0.39 0.39 0.39 0.39 | | ATION | 14 | 000000 4444 4444 4444 4444 4444 4444 4 |
| LATI | .20 | RADI | 13 | 00.00 00 | .20 | RADI | 13 | | .20 | RADI | 13 | 000000 000000 0000000 0000000 000000 |
| N. | :YY: 0 | SOLAR | _ | 00000000000000000000000000000000000000 | וא: נו | SOLAR | | 00 4 4 0 0 0 4 6 6 6 6 6 6 6 6 6 6 6 6 6 | TY: 0 | SOLAR | 12 | 20000000000000000000000000000000000000 |
| | ECTIVI | OURLY | 11 | 00000000000000000000000000000000000000 | CTIVI | HOURLY | 11 | | CTIVI | URLY | 11 | 00.52 00.52 00.52 00.52 00.52 00.52 |
| . E | REFLE | Ŧ | 10 | 227 00.227 00.332 00.32 | REFLE | ¥ | 10 | | REFLE | H | 10 | 00000000000000000000000000000000000000 |
| SHVILI | | | 0 | 00.129 00.229 00.229 00.229 00.229 | | | 6 | 00000000000000000000000000000000000000 | | | • | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 |
| N A | _ | | • | 0.03 0.10 0.11 0.12 0.12 0.13 | 0 | | e Q | 0.14 0.15 0.18 0.18 0.18 0.19 | 6 | | •0 | 000000000000000000000000000000000000000 |
| ATION | 5.1] | | 7 | | 6.8 | | 7 | 00000000000000000000000000000000000000 | 8.6 | | 7 | 00.1000.1000.1000.1000.1000.100000.100000.100000.100000.100000.100000.100000.10000.10000.10000.10000.10000.10000.10000.10000.10000.10000.100000.10000.10000.10000.10000.10000.10000.10000.10000.10000.100000.10000.10000.10000.10000.10000.10000.10000.10000.10000.10000.100000.10000.10000.10000.10000.10000.10000.10000.10000.10000.1000000 |
| LOCA | . HO: | Ξ | | | . HO: | Ξ | | | . H0: | Ξ | 9 | 000000000000000000000000000000000000000 |
| | HORIZ | SOUT | | | HORIZ | SOUT | ۍ. | | HORIZ | SOUT | S | |
| | - | :NOI | | | 8 | :NOI | • | 00000000 | m | :NOI | | 00000000 |
| | MONTH: | ORIENTAT | ; | 50000000000000000000000000000000000000 | MONTH: | ORIENTAT | | 60000000000000000000000000000000000000 | MONTH: | ORIENTAT | ; | 110 100 100 100 100 100 100 100 100 100 |

| | 0.187 | DAILY TOTAL | RADIATION | 40.4 | • | 9 | • | 9 | 4 | • | 0.187 | DAILY TOTAL | RADIATION | , | • | . 9 | 'n | ą, c | 9 | 4°.64 | | 0.184 | DAILY TOTAL | RADIATION | ֎֍ ֎֍֎֍֍ֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈ |
|---------|--------|-------------|-----------|-------------|---------|------|----------|-------|------|--------------|----------|-------------|-----------|-----|------------|--------|-----|----------|------|------------|---|---------|-------------|---------------|--|
| | KD: | _ | 20 | | | • | ٠ | • • | 0.5 | • | KD: | | | ı | ٠ | • • | • | ٠ | • • | 96 | • | ë | | | |
| ES | | | 19 | | | ٠ | ٠ | | 000 | • | | | 19 | (| , c | 0 | 0 | 9,0 | . 0 | 000 | • | | | 19 | |
| MINUTES | 73 | | 18 | 0: | 90 | 0. | | 90 | 0.03 | • | 808 | | 18 | • | 7.5 | 9 | 0 | | | 0.0 | • | 30 | | | 00000000000000000000000000000000000000 |
| 7 | 4.0 | | 17 | ~: | 7.7 | 7 | <u> </u> | | 0.13 | . | 9.5 | | 17 | ! (| 'nv | . 4 | ? | ٠,- | : -: | 0.15 | • | 0.5 | | • | 00.223 |
| DEGREES | •• | | 15 | ימן | . w | m. 1 | , w | . M | 0.27 | • | <u>:</u> | | 16 | ! ! | 7.1 | 'n | 'n | M, W | 'n | 0.29 | | <u></u> | | 16 | 00000000000000000000000000000000000000 |
| 36 DE | KT | ~ | 15 | 1 5 | 4 4 | 4 | 4 | • | 0.41 | ? | Σ | z | 15 | 1 | j. | , 6 | 'n | 4 | . 4 | 0.42 47 | | ⋤ | z | 15 | |
| TITUDE | | TATION | 14 | 1.5 | J.N. | 'n | ن. | . יי | 0.51 | • | | IATION | 14 | ١ ١ | 9,4 | 9 | 9. | Õπ | 'n | 0.52 | • | | IATION | 14 | |
| LATE | 0.20 | R RADI | | .6 | 9.9 | 9 | 9. | 9 | 0.57 | j | 0.20 | R RAD | 13 | ! | 9 4 | | 9 | 9,1 | | 9.50 | • | ņ.20 | R RAD | 13 | |
| ž | ITY: (| SOLA | 12 | 19: | ٠. د | 9. | ۰, | ی ه | 0.60 | j | ITY: | SOLAI | 12 | ! | 9, | \sim | | 9. | 9 | 0.61 | • | ITY: | SOLA | $\overline{}$ | 00.73 00.73 00.72 00.68 00.68 |
| | ECTIV | HOURLY | 11 | .6 | 9.9 | 9. | 9 | ی ه | 9.57 | j. | ECTIV | HOURLY | 11 | ! ' | 9 | 9 | ø | 9, | 9 | 95.0 | • | ECTIV | HOURLY | 11 | |
| LE | REFL | Ξ | 10 | 1 10 | ה יה | S | ı. | יי ע | 0.51 | . | REFL | Ξ | 10 | ļ ' | 9 | 9 | 9. | 9 4 | 'n | 0.52 | • | REFL | I | 10 | |
| SHVILL | | | • | 1 4 | 4.4 | • | • | * 4 | 0.41 | ? | | | • | 1 | ų. | ن، ز | ŝ | • | . 4 | 0.42 | ? | | | 6 | 0.53 |
| XX | • | | | 0.3 | 9 P | 0.3 | m. 0 |) M | | 7. | - | | •0 | | 9 0 |) M | 0.3 | 0 | | 9.29 | | 7 | | •0 | 0.34 |
| OCATION | 10.3 | | 7 | 10 | 0 | 0.7 | | - | | T. | 11.3 | | 7 | | , c | 200 | 0.2 | 0.0 | | 0.15 | ; | 11.6 | | | 0.0222222222222222222222222222222222222 |
| 707 | HO: | H | 9 | 10 | ĎÖ | 0 | 0 | 9 0 | 0.03 | - | . HO: | Ħ | | 1 1 | c | 9 0 | 0.0 | 0.0 | 0 | 0.05 | | .: #0: | H | | 000000000000000000000000000000000000000 |
| | HORIZ | SOUTH | S | | • | • | • | • | 0.0 | • | HORIZ | SOUTH | 'n | Ė | | 90 | 0 | 0,0 | 9 | 9.6 | | HORIZ | SOUTH | | 0000000 |
| | • | TIOK | | 0.0 | | ٠ | • | • | | • | S | TION: | • | Ì | ٠ | | • | • | | 90 | • | 9 | TION: | ** | 90000000 |
| | MONTH: | ORIENTA | ; | 16.0 0.0 | 0.0 | 5.0 | 0,0 |) e | |) - | MONTH: | ORIENTA | ; | _ | 0.0 | | 5.0 | 0.0 | 0.0 | 50.00 | | MONTH: | ORIENTAT | | 411 220 220 320 30 30 50 60 60 60 60 60 60 60 60 60 60 60 60 60 |

| | 0.184 | ILY TOTAL | ADIATION | NUNNNNNA4 2087.04080 2807.44080 | 0.183 | ILY TOTAL | ADIATION | พพพพพพพพพ ช่องจับจ่ะ สมจับจับจับ สมจับจับจับ | 0.186 | ILY TOTAL | ADIATION | 44444444 4780000000 600000000000000000000000000000 |
|---------|--------|-----------|----------|--|---------|-----------|----------|---|--------|-----------|----------|--|
| | KD: | ΔQ | 20 R | 1 00000000 | KD: | DA | | ****** | KD: | DA | | |
| | | | | 00000000 | | | 14 | 00000000 | | | | |
| FS | | | 19 | 00000000 | | | _ | 00000000 | | | 19 | 00000000 |
| MINUT | 528 | | 18 | | 336 | | 18 | 00000000000000000000000000000000000000 | 115 | | 13 | |
| ^ | 0.5 | | 17 | 00.000 | 0.5 | | 11 | | 0.5 | | 17 | |
| EGREES | Ë | | 16 | 00000000 00000000000000000000000000000 | | | 16 | | | | 16 | 0.30 0.30 0.30 0.30 0.30 |
| 36 DE | K | _ | 15 | | ⊽ | _ | 15 | 00.00 00 | ₽ | _ | | 00000000000000000000000000000000000000 |
| LUDE | | TATION | 7 | 60000000000000000000000000000000000000 | | ATION | 14 | | | ATION | _ | 00000000000000000000000000000000000000 |
| LATIT | 0.20 | R RADI | 13 | 00.770 | 0.20 | RADI | 13 | | 0.20 | R RADI | 13 | 0.0000000000000000000000000000000000000 |
| Y. | ITY: (| S0LA | - | 00000000000000000000000000000000000000 | VITY: (| SOLAR | 12 | 0.75 0.75 0.75 0.75 0.75 0.68 | ITY: (| SOLAF | - | 000000000000000000000000000000000000000 |
| | ECTIV | OURLY | 11 | 0.720000.7200000.72000.72000.72000.72000.72000.72000.72000.72000.72000.72000.720000.720000.720000.720000.720000.720000.720000.720000.720000.7200000.720000.720000.72000000.72000000.7200000000 | ECTIV | OURLY | 11 | | ECTIV] | HOURLY | 11 | 000000000000000000000000000000000000000 |
| 16 | REFLI | Ξ | 10 | 600000000 600000000 600000000000000000 | REFLI | Ĭ | 10 | | REFLI | Ĭ | 10 | 00000000000000000000000000000000000000 |
| SHVILI | | | | 000000000 000000000000000000000000000 | | | • | 00000000 000000000 0000000000000000000 | | | • | 00000000000000000000000000000000000000 |
| X A | | | •• | 000000000 00000000 000000000 | 8 | | •• | 00.00 00 | 9 | | - | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 |
| OCATION | 11.30 | | 7 | ころよろ109752 | 10.23 | | ^ | 0.20 0.19 0.13 0.17 0.17 0.16 0.16 | 8.56 | | | 1122222 |
| 7007 | . HO: | Ξ | | 000000000000000000000000000000000000000 | . HO: | ž | 9 | 00000000 | . HO: | TH | • | 00000000 |
| | HORIZ | SOUT | 5 | | HORIZ | SOUTH | 'n | 00000000 | HORIZ | SOU | 5 | 000000000 |
| | 7 | : NOI 1 | | 00000000 | •• | TION: | | 000000000 | 6 | TION: | | 00000000 |
| | MONTH: | ORIENTATI | ; | 7117 0.0 10.0 20.00 30.00 40.00 60.00 | MONTH: | ORIENTAL | ; | 222.00 225.00 330.00 60.00 60.00 60.00 | MONTH: | ORIENTAL | ; | 10.00 255.00 255.00 255.00 460.00 50.00 |

| | 0.184 | DAILY TOTAL | RADIATION | ୴୴ୣଌୡୡୡୡୡ ୴୰୰ଽ୷୰୕ଌ୕ଌୄୄୄୄ ମଅଧମଧ୍ୟାକ୍ଷର | 0.185 | DAILY TOTAL | RADIATION | 222222222 232222222 242233222 2422332222 | 0.182 | DAILY TOTAL | RADIATION | |
|-----------|-----------|-------------|-----------|---|------------|-------------|-----------|---|------------|-------------|-----------|---|
| | KD: | | 20 | 000000000 | KD: | | 20 | 00000000 | KD: | | | |
| TES | | | | 000000000 | | | 19 | | | | | 00000000 |
| MINUTES | 525 | | - | 000000000 | 255 | | 18 | 000000000 | 368 | | 18 | 000000000 |
| s 7 | | | 17 | 440000000 | | | 17 | 00000000 | 6 | | 17 | 000000000 |
| DEGREE | :- | | 16 | 0000000 10000000 100000000000000000000 | ። | | 16 | 00000000000000000000000000000000000000 | <u>:</u> | | 16 | |
| 36 DI | ¥ | z | 23 | 00000000 WW444444 | ¥ | z | 15 | 00000000 0000000 000000000000000000000 | × | * | 15 | - |
| TITUDE | | IATIO | 14 | | | JATION | 14 | | | IATION | 14 | |
| LATI | 0.20 | R RAD | | 00000000 | 0.20 | R RAD | | 00000000 00000000 00000000000000000000 | 0.20 | R RAD | 13 | ###################################### |
| X. | IY: | SOLA | 12 | 00000000 | ITY: | SOLA | 12 | | •• | SOLA | 12 | |
| | EFLECTIVI | HOURLY | | 00000000 00000000000000000000000000000 | EFL ECT IV | HOURLY | 11 | 00000000 00000000 00000000000000000000 | FLECTIVITY | HOURLY | 11 | |
| w, | REFLI | Ĭ | 10 | | REFL | Ŧ | 10 | | REFLI | Ī | 10 | |
| NASHVILLE | | | | 000000000 mm444444 mr0=5m44m | | | • | 04 - 80 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - | | | | 200000000000000000000000000000000000000 |
| KA | σ. | | •0 | 2222222 | •0 | | | 00000000000000000000000000000000000000 | 2 | | *0 | 00.000000000000000000000000000000000000 |
| LOCATION | 9.9 | | 7 | | 5.0 | | | 00000000 | 4 | | | 000000000 |
| 1001 | . HO: | Ħ | ø | 000000000 | . HO: | Ħ | • | | : НО: | Ħ | • | 00000000 |
| | HORIZ | SOUTH | 2 | 000000000 | HORIZ | SOUTH | 'n | | HORIZ | SOUT | 'n | 200000000 |
| | 10 | 17 IOH: | | | 11 | TION: | * | | 12 | TION: | | |
| | MONTH: | ORIENTAT | ; | 220.00 220.00 320.00 350.00 50.00 | MONTH: | ORIENTA | i | 21 | HINOM: | ORIENTA | ; | 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |

| | 0.187 | DAILY TOTAL | RADIATION | 6,1 | 3.73 3.73 | • | ? | N | i | Ņ | 0.187 | DAILY TOTAL | RADIATION | - | Τ, | a, K | ٥ | ø. | ٥٠ | 4.52 | 0.181 | DAILY TOTAL | RADIATION | ៳៷៷៷៷៷ ៰៸៸៹៳៷៷៹ ៷៸៸៹៰៸៶៵៸៸ | Sis |
|---------|--------|-------------|-----------|----------|-----------------|--------|------------|------|-----|---------|--------|-------------|-----------|------|-----|----------|---------------|-----|------------|---|--------|-------------|-----------|--|--------|
| | KD: | | | 0.0 | | • | • | | • | • | χ Ω | | | 0.0 | ٠ | ٠ | | • | • | | KD: | | 20 | 0000000 | |
| res | | | - | | 90 | ٠ | • | | • | • | | | 19 | | • | • | ٠. | • | | | | | 19 | 000000 | |
| MINUT | 808 | | 18 | | 90 | • | • | | • | • | 609 | | 3.8 | | • | ٠ | ٠. | • | ٠ | 9 0 | 53 | | * | 000000 | 90 |
| 56 | 0.5 | | - | | • • | 0, | 9 0 | | Θ, | 9 | 0.5 | | 17 | | • | 9 0 | 9 | • | 9 0 | 9 09 | 6. | | 17 | | |
| GREES | | | 16 | 0.13 | : -: | 7. | iv | | N | u, | | | 16 | 0.20 | ö | vic | i | N | 'nç | in | | | 7 (| 000000 | m, iv, |
| 32 PE | K | | | | | ا (برا | , m | • | * | 4 | KT | | 15 | w. | *) | • | | • | • | * * * * * * * * * * * * * * * * * * * | Ž | | 3.5 | 2200000 | 4.4 |
| ITUDE | | ATION | 1 6 | 0.38 | * & | ij | ר, ור | 'n | S | v. | | ATION | 16 | • | ٠. | | نه ز | S | ה יה | 0.0 | | ATION | 16 | 86.6000 | , iv |
| LATIT | .20 | RADI | | 1 2. | 0.56 | .58 | ٠. در م | . 62 | .62 | .62 | .20 | RADI | 13 | .53 | 500 | 29. | 3 4 | .65 | 9. | 0.62 | .20 | RADI | ~ | | .6 |
| X | TY: 0 | SOLAR | 12 | | 0.58 | 9 | ٠, ٧ | 9 | 9 | • | TY: 0 | SOLAR | | 3 | \$ | 9 | 9 | 9 | 9, | 9.0 | 1Y: 0 | SOLAR | | 0.69 0.75 0.76 0.76 0.76 | .6 |
| | CTIVI | HOURLY | 11 | 1 41 | 0.56 | κĴ | Ů٨ | 9 | 9 | 9. | ECTIVI | HOURLY | 11 | .5 | 'n. | 9,4 | 9 | • | 9 | 29.0 | ECTIVI | OURLY | | 00.73 | 1.9 |
| | REFLEC | H | 10 | i wi | 24.0 | ΝÌ | ų, n | , 70 | 2 | r. | REFLE | H C | 10 | 4 | , | ה נה | יי ע | Š | r. n | 0.00 | REFLE | x | | 0000000 0000000 00000000 | نمم |
| IL ENE | | | 6 | • | 0.35 | M) | ٠. د | . 4 | 3 | 4 | | | 6 | ۳. | m. | . | * 4 | 5 | • | * * * · · · · · · · · · · · · · · · · · | | | • | 000000 4400000 0000000 | 44 |
| ABI | | | •0 | 0.13 | 77 | | , c | 10 | 2 | Ċ. | | | | 2 | N | Ņ | ν'n | 'n | 'nį | 0.27 | | | * | 00.00 | m.m. |
| OCALION | 5.73 | | _ | | | 0 | | . 0 | 0. | e. | 7.33 | | ~ | | 0 | D (| > C | | 0,0 | 0.08 | | | ^ | 00000000000000000000000000000000000000 | ~, ~. |
| LOCA | H0: | Œ. | | 0.0 | | • | • | | • • | • | Ħ0: | I | _ | | • | • | • | | • | . O | 9 | I | 4 | 0000000 | 00 |
| | HORIZ. | SOUTH | | 0.0 | | • | • | | | • | HORIZ. | SOUTH | | 0.0 | • | • | • | • • | • | | HORIZ. | SOUT | c | 000000 | |
| | - | TION: | | 0.0 | | • | • | | | • | 2 | TION: | | | ٠ | ٠ | • | | | 90 | • | | ٩ | 000000 | |
| | MONTH: | ORIENTAT | ; | 1 0.0 | , , | 5.0 | 0 0 | | 9 | o. 0 | MCNTH: | ORIENTAT | i | 9.0 | 0.0 | 0,0 | γ e | 5.0 | ع د د د | | MONTH: | ORIENTATI | | 11111 10.00 225.00 35.00 | 9.0 |

| | .180 | TOTAL | TION | 61567553E | .178 | TOTAL | TION | 487887488 86811868 | 174 | TOTAL | TION | M07924699 |
|----------|-----------|------------|-------|--|-----------|---------|-------|--|--------|-----------|-------|---|
| | • | DAILY | RADIA | ที่ที่ที่ที่ที่ที่ที่ | • | DAILY | RADIA | ข้องข้อเก็ก ที่ที่ ซึ่ง | • | DAILY | RADIA | หลดลุด เทเทศ |
| | KD: | | 20 | | ΚĐ | | 20 | ******* | KD: | | | 0000000000 |
| ES | | | 19 | | | | | 99999999 | | | 19 | |
| MINUTES | 55 | | 18 | | 80 | | 18 | 00000000 0000000 0000000 000000 | 01 | | 18 | |
| 26 1 | 0.5 | | 17 | 100000000 | 0.56 | | 17 | 11,1931225 | 9.6 | | 17 | 20000000000000000000000000000000000000 |
| REES | | | 16 | | | | 91 | 444 M M M M M M M M M M M M M M M M M M | | | 16 | |
| DEGR | KT: | | 5 | WWWWWW44 W444WW0/V | KT: | | | NNNNNNNNAN 880NANONA 9900000000 | KT: | | | |
| 32 | | NO | 6 1 | 00000000000000000000000000000000000000 | | NO | 4 | \$0\$0\$0\$0 | | KOI | - | 50000000000000000000000000000000000000 |
| ITUDE | | DIATI | - | | | DIATI | - | | | DIAT | _ | 000000000 |
| LAT | 0.20 | AR RA | - | 00000000 | 0.20 | AR RA | | | 9.20 | AR RA | 13 | |
| × | ITY: | SOL | ~ | 0.70 | ITY: | SOL | 12 | 00000000 | ITY: | 201 | - | 1 000000000 |
| | EFLECTIVI | HOURLY | 11 | | EFLECTIVI | HOURLY | 11 | 0.78 0.78 0.78 0.78 0.78 0.79 0.70 | ECTIV | HOURL Y | 11 | |
| | REFLI | Ξ | _ | 00000000 00000000 00000000 00000000 | REFL | Ī | 0 | 00000000 00000000 00000000000000000000 | REFL | Ī | 10 | 20000000 20000000000000000000000000000 |
| BILENE | | | • | 000000000 0000000000 000000000000 | | | • | 22222222 22222222222222222222222222222 | | | • | |
| ABI | | | •• | 1 8 8 8 7 8 8 1 7 1 8 | | | • | NOOF 60 40 6 | | | •0 | |
| ION | 0.47 | | | 100000 | 1.31 | | ~ | ברה ההההה | 1.59 | | | 2722222 |
| LOCATION | HO: 1 | | | 1 4 4 W W W W W W W W | HO: 1 | | | 20000000 20000000 20000000000000000000 | K0: 1 | | 9 | 1 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 |
| | | SOUTH | S | | HORIZ. | SOUTH | 'n | 90000000 | HORIZ. | SOUTH | 5 | |
| | HORIZ | •• | | 1 000000000 | HOH | •• | • | | HOH | •• | • | 000000000 |
| | • | ATION | | | 5 | ATION | | | • | ATION | | |
| | MONTH: | ORIENTATIO | , | 669 669 669 669 669 669 669 669 | MONTH: | ORIENTA | ; | 20000000000000000000000000000000000000 | MONTH: | ORIENTATI | i | 71[7] 10.00 10.00 25.00 35.00 55.00 60.00 |

| | 9.174 | DAILY TOTAL | RADIATION | ~ | | 'n | ~ | Ξ. | S. 98 | • | ∹• | | | 1.1/2 | DAILY TOTAL | RADIATION | | 6.17 | · | Ň | ~ | 9 | ġ á | | 0.179 | DAILY TOTAL | RADIATION | 0 | 'n | ijĸ | , 0 | 5.57 | ņ | • | |
|----------|---------|-------------|-----------|-------|------|-----|----|----|-------|-----|------|----|---|-----------|-------------|------------|---|------|-----|------|----|-----|------|-------|------------------|-------------|-----------|-----|-----|----------|----------|------|------------|------|--|
| | Ä | | | Ė | | _• | • | ٠ | • | ٠ | • | • | 1 | ¥ D: | | 20 | İ | o e | • | | • | • | ٠ | • • | ΚĎ | | | | • | ٠ | • | 0 | • | | |
| ES | | | 19 | 1 | | • | • | ٠ | | ٠ | • | • | | | | 19 | • | 9 9 | • | | • | • | • | | | | - | | • | • | • | • | • | • • | |
| MINUTE | 26 | | 18 | = | | 0 | • | • | 9.0 | • | 9 | P. | | • | | 18 | ! | 9.0 | | | • | • | - | • | • | | 18 | | 9 | 9.6 | 9 | 00.0 | • | | |
| 56 | 6.5 | | ~ | 10 | . ~ | 'n | 4 | 'n | 0.19 | 7 | 7 | 7. | | J. D | | 11 | ! | 9.27 | iu | . ~ | 7 | ~: | 7. | 7.7 | 6.5 | | 17 | = | ∹ | 7. | - | 91.0 | 7. | - | |
| DEGREES | •• | | 16 | 4 | | • | * | ۳. | 0.37 | ~ | M. I | γ. | | •• | | 16 | 1 | 9.0 | . • | | " | ٠,١ | ?" | ંબ | | | 16 | m | ٣. | ۳. | ? " | 90.0 | m, r | , 17 | |
| 32 DE | KI | | 15 | 4 | • | 'n | ٦, | 'n | 0.54 | S | • | * | ; | 7 | | 15 | l | 9.26 | • | | 4) | 'n | Ü | 9 | KT | | 15 | | S | ı, |) 1 | 0.55 | ų, | * | |
| TITUDE | | ATION | \$ | 1 | • | ^ | ~ | | 89.0 | 9 | 9 | 'n | | | ATION | 16 | ! | | • | | ~ | 9 | Ó | | | ATION | 14 | 1 5 | 9. | 9. | ٠ | 9.66 | • | | |
| LATIT | .20 | RADI | 13 | 1 . | • | • | • | ۲. | | ` | • | • | | . 20 | RADI | 13 | - | ~• | • | • | • | 7. | • | • • | .20 | RADI | 13 | ; 9 | ۲. | | • | 0.75 | | • | |
| × | TY: 0 | SOLAR | 12 | | • | • | • | €0 | 0.79 | | | ø. | į | 1 X : 0 | SOLAR | 12 | - | 8 | 9 | 3 •0 | • | • | | . 0 | 17: 0 | SOLAR | ~ | 1 | ~ | ٠. r | | | <u> </u> | `` | |
| | CTIVI | HOURLY | 11 | • | 3 00 | • | • | ۲. | 9.76 | - | 9 | ٠. | | EFLECTIVI | HOURLY | 11 | - | ~: | • | > =< | •0 | 7 | ٠,٢ | 99.0 | EFLECTIVI | HOURLY | 11 | 9 | | | • | 0.75 | ., | 9 | |
| | REFLECT | Ħ | 7 0 | | | `` | ~ | | ٥. | • | 9 | ٧. | | REFLE | 呈 | | ! | v r | • | • | ^ | 9 | • | .53 | REFLE | ¥ | 10 | 15 | 9 | 9. | 9 | 9.0 | 9.4 | | |
| ILENE | | | • | | • | | S | 'n | 'n | 'n | • | * | | | | • | ! | 'n. | Ņ | Ì | | Š | ٠. n | 0.43 | | | • | | S | 'n | | 52.0 | ų, | | |
| ABI | • | | •0 | 1 7 | • | | • | ~ | | ۳. | 7 | Ċ. | | - | | 40 | 1 | * ' | • | - ~ | " | ~ | ~ | 0.29 | • | | • | 1 1 | ~ | ~. | ? ~ | 9.0 | ~ | | |
| OCAT 10N | 11.2 | | ~ | | i | ! ~ | N | ٧. | | ~ | 7 | 7. | | 10.38 | | ~ | ! | ٠i٠ | i. | •- | 7 | 7 | 7. | 0.12 | 8.92 | | | | 7 | <u>-</u> | <u> </u> | | <u>.</u> . | : -: | |
| 7007 | 2 | Ξ | • | ! | 9 6 | 9 | 0 | • | 0.04 | • | 0 | • | | ₽ | Ξ | | 1 | ė, | • c | ? 6 | 9 | 0 | 9 | 0.02 | . HÖ . | Ξ | • | 00 | 9 | 0,1 | - | | 0, 0 | . 0 | |
| | HORIZ | SOUT | • | • | • | • • | | • | 0.0 | ٠ | • | | | HORIZ | SOUTH | u c | è | • | • | ٠ | | • | • | 9 9 | HORIZ | SOUTH | 5 | 0 | | • | • | | ٠ | • • | |
| | ~ | TION: | • | • | • | • | | • | 0.0 | | • | • | | | TON: | • | | • | ٠ | ٠ | | • | ٠ | 90 | • | : NOI | • | | | ٠ | ٠ | | • | 9.0 | |
| | MONTH: | ORIENTAI | i | 711.7 | | | 5 | 0 | • | 0.0 | 0.0 | o. | | HONTH: | ORIENTAT | ; | _ | 0.0 | 3 ¢ |) C | | 5.0 | 90 | 00.09 | MONTH: | ORIENTATIO | | | 0.0 | 0.0 |) ¢ | 9.0 | 0 | | |

| | 0.178 | DAILY TOTAL | RADIATION | ٠ | 4.62 | • | 7 | ٧٢ | 'n | M. | Ņ | 0.180 | DAILY TOTAL | RADIATION | • | | . ~! | M) 4 | 9. | `. | óoi | 0.183 | DAILY TOTAL | RADIATION | - | 9. | 9 = | 7. | 4.43 | ₹. |
|----------|-----------|-------------|-----------|-----|------------|-----|-----|-----|-----|-----|-----|---|-------------|-----------|-----|----------|----------------|------|------|-----|----------------------------------|---------|-------------|-----------|------------|------|------|---------|------|------|
| | KD: | | 20 | 1 | | | ٠ | | • • | • | • | X | | 20 | ļ | | • • | • | | . • | | KD: | | 29 | | • • | | • • | | • |
| 11ES | | | 13 | 1 | | • | • | ٠ | | • | • | | | 19 | į | | • • | ٠ | | • | • • | | | 19 | • | | | | 90 | • |
| MINUTE | 574 | | 18 | ! • | | | • | P 4 | | | • | 558 | | 18 | ! | • | | • | • | • | | 535 | | 18 | • | | • | • • | - 0 | • |
| 26 | - | | | ! 1 | 90.0 | | • | 9.4 | | • | • | • | | 17 | | D 4 | • | 91 | | • | D 40 | • | | 17 | • | • • | • • | • • | | • |
| DEGREE | <u>:</u> | | 16 | į | 9.25 | 7 | N. | Ņ |) M | M | ~ | <u>:</u> | | 16 | ! ' | <u> </u> | :~ | 'n | S | ų, | 0.26 | Ë | | 16 | 7. | : =: | 7 | : -: ' | 0.25 | ۲. |
| 32 DI | 7 | _ | 15 | ! 1 | 25.0 | * | * | • | j | | * | ₽ | _ | 15 | ; (| ~~ | ند. | 4. | . 4 | * | 0.47 | ¥ | _ | 15 | ! <u>-</u> | | 7 | , m, v | | • |
| JOE | | ATION | = | ! | 6.57 | 9 | • | 9,1 | 9 | • | 9. | | ATION | 14 | ! | • | . 43 | ij. | نہن | 9 | 9.61 9.61 | | IATION | 5 | Ma | | Ü N | , 10, 1 | | 'n. |
| LATITUDE | .20 | RADI | 13 | 1 | 9.54 | | | ., | | ` | | .20 | RADI | _ | 1 | 4.4 | , % | • | ف ہ | 91 | 0.70 | .20 | RAD | 13 | 4 | نين | Ů, | | 9.66 | • |
| × | [Y: • | SOLAR | \sim | 1 | 29. | | ~ | | | `` | | TY: | SOLAR | 12 | 1 | ٠i، | ه ز | 9! | : ` | ~! | 0.73 | 17: 0 | SOLAR | - | 4.6 | ندز | ہ ج | | | 9. |
| | CTIVI | HOURLY | 11 | 1 | 6.59 | `` | | Ċ | • | • | ۲. | ECTIVITY | HOURLY | 11 | ì | • | . . | 9 | | 9! | 0.70 | ECTIVI | HOURLY | \sim | 4 | | ن ح | | | 9. |
| | REFLECTIV | 2 | 10 | 1 | 6.51 | 9 | • | 9 | 9 4 | 9 | 9. | REFLE | 2 | 10 | ; | 4 | ָריי ל | ı. | نەن | 9: | 0.61 | REFLE | 2 | 10 | 1 24 | | Ų. | ان | 6.57 | 'n |
| IL ENE | | | • | - | | * | ٠ | • | jĸ | 'n | ♥. | | | • | ! | 'n۳ | . ~. | • | • | * | 0.46 | | | | . W. | , 17 | س نہ | ; r? · | | * |
| ABI | | | • | | 9.22 | ijŇ | ~ | 'n | ?~ | . ~ | ٣. | | | | - | ٦. | ٠, | Ņ | ivi | ü | 9.26 9.26 | | | •0 | 0.10 | : -: | 7- | • | 'n'n | ν. |
| OCA: ION | 7.22 | | ^ | - | 0.0 | 0 | 0 | 0 | 9 6 | 0 | • | 5.69 | | ^ | - | o . | ? 🙃 | 0. | | 0.1 | 7 0 0 0 0 | 5.09 | | ^ | | • • | ٠ | | | • |
| 1007 | 9 | = | _ | • | 0 0 | | • | • | • | | • | 9 | E | • | 1 | • | | ٠ | | • | | HQ: | Ξ | • | | ٠. | • | | D 0 | • |
| | HORIZ. | SOUTH | | ı | • • | | ٠ | • | • | | • | HOR1Z. | SOUTH | ŧ۸ | , | • | | • | | ٠ | 90 | HORIZ. | SOUTH | Ŋ | | • - | • | • • | - e | • • |
| | 107 | :NOI | | 1 | . . | | | • | ٠ | | • | ======================================= | : NOI | | 1 | • | • • | • | | • | e e | 12 | ICH: | | 9.0 | | • | | | • |
| | MONTH: | ORIENTATION | ; | _ | e | 9 | 5.0 | 0.0 |) e | | 0.0 | MONTH: | ORIENTATION | | _ | 9.0 | 9 0 9 0 | 5.0 | . o. | 0.0 | 50 . 00 60 . 00 | MONTH: | ORIENTATION | í | -06 | | N 6 | . O | | 0. C |

| | 0.177 | DAILY TOTAL | RADIATION | NN4444444 GNGCA44766 GOOVA6760 | 0.179 | DAILY TOTAL | RADIATION | 844400000 64660 81000 81000 81000 81000 | 0.175 | DAILY TOTAL | RADIATION | សម្រេសម្រេសម្រេស ដំបែកខ្មាំខ្មាំខ្មាំង ឯកភ្នុកខ្មាំងខ្មាំង |
|---------|--------|-------------|-----------|--|------------------|-------------|-----------|--|--------|-------------|-----------|--|
| | KD: | | 20 | | KD: | | 20 | 0000000 | KD: | | 20 | 00000000 |
| ES | | | - | 00000000 | | | 19 | 00000000 | | | | 00000000 |
| MINUT | 375 | | - | 00000000 | 999 | | 18 | | 169 | | 80 | |
| 14 | 0.5 | | | 00000000 | 0.5 | | 17 | 0.05 0.05 0.05 0.07 0.03 0.08 | 0.5 | | | 000000000000000000000000000000000000000 |
| EGREES | •• | | 16 | 0000000 000000000000000000000000000 | •• | | 16 | 00.22 00.22 00.23 00.23 00.30 00.30 | •• | | 16 | |
| 35 DE | × | | 15 | | ¥ | | 15 | 0000000 W444444 AHRA88444 | ¥ | | 15 | 60000000000000000000000000000000000000 |
| ITUDE | | ATION | | 0000000 7.000000 7.00000000 0000000000 | | ATION | 14 | | | ATION | 14 | |
| LATIT | .20 | RADI | 13 | 7.00 7.00 7.00 7.00 7.00 7.00 7.00 7.00 | .20 | RADI | 13 | 0.56 0.63 0.71 0.72 0.73 | .20 | RADI | 13 | |
| × | TY: 0 | SOLAR | ~ | 00000000000000000000000000000000000000 | TY: 0 | SOLAR | 7 | 00.75 00.73 00.73 00.75 00.75 | TY: 0 | SOLAR | 12 | 0.77 0.82 0.82 0.79 |
| | CTIVI | OURLY | 11 | 7.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | ECTIVI | URLY | 11 | | CTIVI | OURLY | 11 | |
| _ | REFLE | H | 10 | 2000 4400 5400 5600 REFLE | 9 | 10 | | REFLE | HO | 10 | 000000000000000000000000000000000000000 |
| ARILLO | | | 6 | 00000000000000000000000000000000000000 | | | | 00000000000000000000000000000000000000 | | | 6 | 8 1 4 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 |
| AMA | 9 | | | 000000 000000 000000 000000 000000 | _ | | | 0.27 0.27 0.27 0.29 0.30 0.30 | _ | | •0 | |
| OCATION | 5.2 | | 7 | 00000000 | 6.93 | | 7 | 0.05 0.05 0.05 0.07 0.07 0.08 0.08 | 8.70 | | 7 | 000000000000000000000000000000000000000 |
| 10C/ | . HO: | Ŧ | | 00000000 | . 1 0 | Ξ | 9 | 00000000 | . H0: | Ξ | 9 | |
| | HORIZ | SOUTH | Ŋ | 00000000 | HORIZ | SOUTH | | | HORIZ | วอร | | |
| | ~ | T10N: | J | 00000000 | ~ | :NOI | | 00000000 | m | :NOI | | |
| | :HINGW | ORIENTAT | | 11 | MONTH: | ORIENTAT | ; | 220.00 320.00 340.00 50.00 00.00 | MONTH: | ORIENTAT | ; | 10.00 20.00 30.00 30.00 35.00 55.00 |

| | 0.170 | DAILY TOTAL | RADIATION | ᲒᲒᲠᲢᲓᲓᲓ ᲓᲝᲝᲓᲠᲓᲔᲓᲔ ᲡᲒᲠᲗᲡᲢ๚๚ Დ | 0.170 | DAILY TOTAL | SADIATION | &&& &&&& & & & & & & & & & & | 0.162 | DAILY TOTAL | RADIATION | トファフタタタ 50 4 50 4 50 50 50 50 60 47 45 50 50 70 70 70 70 70 70 70 70 70 70 70 70 70 |
|---------|----------|-------------|------------|---|--------|-------------|-----------|---|---------|-------------|-----------|--|
| | KD: | | 20 | 00000000 | KD: | | | 00000000 | KD: | | | 00000000 |
| ES | | | ~ 1 | 00000000 | | | | 00000000 | | | 19 | |
| MINUT | 16 | | 18 | 000000000000000000000000000000000000000 | 16 | | | 00.000 | 47 | | 18 | 00.00 00.00 00.00 00.00 00.00 00.00 |
| 14 | 0.6 | | | 11222223 | 0.6 | | 17 | 11.22.25.25 | 9.0 | | 17 | 2222222 11.222222 14.0222 |
| REES | | | 16 | | | | 16 | | | | 16 | |
| 5 DEGR | KT: | | 15 | | KT: | | 15 | | KT: | | 15 | |
| 1DE 3 | | LION | 14 | | | TICH | 14 | | | TION | 14 | 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 |
| ATITUDI | 20 | RADIA | 13 | | 20 | RADIA | 13 | | 20 | RADIA | 13 | 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 |
| × | TY: 0. | SOLAR | 12 | | TY: 0. | SOLAR | 12 | 00000000000000000000000000000000000000 | TY: 0. | SOLAR | 12 | 0 0 9 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| • | I | OURLY | 11 | | ECTIVI | OURLY ! | | 00 00 00 00 00 00 00 00 00 00 00 00 00 | ECTIVI. | OURLY | į | 60 60 60 60 60 70 70 60 70 70 70 70 70 70 70 70 70 70 70 70 70 |
| | REFLECTI | H | | | REFLE | Đ. | 10 | Ი ᲢᲘ4ᲮᲝᲢᲝᲢ | REFLE | HO | | 00.78 00.78 00.78 00.78 00.78 00.78 00.52 |
| RILLO | | | 0 | 1 000000000000000000000000000000000000 | | | 6 | 00000000000000000000000000000000000000 | | | 6 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 |
| AMA | | | •0 | 000000000000000000000000000000000000000 | | | *0 | 00.444 00.444 00.444 00.444 00.444 00.444 00.444 00.444 00.444 00.444 | | | | 00000000000000000000000000000000000000 |
| TION | 10.34 | | 7 | 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 11.32 | | 7 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | 11.65 | | 7 | 00.22 00.22 00.22 00.22 01.16 |
| LOCA | 94 | ı | 9 | 00000000000000000000000000000000000000 | : OH | I | 9 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | H0: | I. | 9 | 00.00 0.00 0.00 0.00 0.00 0.00 0.00 0. |
| | HORIZ. | SOUT | īÙ | | HORIZ. | SOUTH | 'n | | HORIZ. | SOUT | N. | |
| | . | : NOI | | | 'n | :NO1 | 4 | | • | :NOI | | 00000000 |
| | MONTH: | ORIENTAT | ; | 11L1 10.00 20.00 35.00 50.00 60.00 | MONTH: | ORIENTAT | ; | 200 200 300 300 300 600 600 600 600 600 | MONTH: | ORIENTAT | ; | 110-0 100-0 100-0 220-0 330-0 50-0 60-0 60-0 |

| | 0.165 | DAILY TOTAL | RADIATION | 66.259 66.259 66.259 67.559 | 0.162 | DAILY TOTAL | RADIATION | ************************************** | 0.163 | DAILY TOTAL | RADIATION | 20000000000000000000000000000000000000 |
|---------|--------|-------------|-----------|---|--------|-------------|-----------|---|----------|-------------|-----------|---|
| | KD: | | 20 | 00000000 | Ğ | | 20 | 00000000 | KĐ: | | 20 | |
| ES | | | | | | | 19 | 00000000 | | | 19 | 00000000 |
| MINUT | 36 | | 18 | 00000000000000000000000000000000000000 | 46 | | 18 | 00000000 00000000 00000000 | 42 | | 18 | |
| 14 | 9.0 | | 17 | | 9.0 | | 17 | 34600000 | 9.0 | | 17 | |
| GREES | •• | | 16 | 00000000000000000000000000000000000000 | •• | | 16 | 00000000 4444444 848844448 848844 | •• | | 16 | 00000000 00000000 000000000000000000 |
| 35 DE | X | | 15 | ᲒᲒᲒᲒᲒᲜᲘ ᲡᲡᲥᲑ ᲡᲬᲒ₳ᲬᲧᲓᲑᲡᲪᲜ | × | | 15 | HWWWWHONO | K | | 15 | 1 4500000074 |
| ш | | ATION | 14 | 567457897 | | ATION | 14 | 47277774 515788674 | | ATION | 14 | ଡ ଥ୍ୟ ପ୍ରତ୍ୟ ପ |
| LATITUD | .20 | RADI | 13 | #88888887 | .20 | RADI | 13 | 8000000000000000000000000000000000000 | .20 | RADI | ! | |
| X | TY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | 000000000000000000000000000000000000000 | TY: 0 | SOLAR | _ | 00000000 1 7 8 8 8 9 9 9 8 8 1 8 4 8 9 0 0 0 7 8 |
| | ECTIVI | OURLY | 11 | | CTIVI | OURLY | 11 | | ECTIVI | HOURLY | 11 | 00.00 00 |
| _ | REFLE | 유 | | 0.77 0.78 0.78 0.77 0.75 0.75 0.75 | REFLE | 유 | 10 | | REFLE | 9 | 10 | |
| RILLO | | | 6 | 00000000000000000000000000000000000000 | | | 6 | 00000 00000 00000 00000 00000 | | | 6 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| AMA | | | •0 | 00000000 00000000 00000000000000000000 | | | € | 000000 000000 000000000000000000000000 | | | •0 | 00000000000000000000000000000000000000 |
| DCATIGN | 11.30 | | 7 | 00.29 00.29 00.23 00.23 00.19 01.16 | 10.26 | | 7 | 00.22 | 8.65 | | 7 | 00000000000000000000000000000000000000 |
| LOCA | 9 | x | 9 | 0.11 | 9 | I | | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | H0: | I | 9 | |
| | HORIZ. | SOUTH | Ŋ | | HORIZ. | SOUT | | 0.0000000 | HORIZ. | SOUT | 'n | |
| | 7 | ION: | | 00000000 | •• | :NOI | | 00000000 | . | ION: | | 00000000 |
| | MONTH: | ORIENTAT | | 71L7 10.0 20.00 25.00 30.00 55.00 62.00 | MONTH: | ORIENTAT | ; | 22000000000000000000000000000000000000 | MONTH: | ORIENTATI | ; | 10.00 10.00 220.00 320.00 450.00 60.00 |

| | 0.162 | DAILY TOTAL | RADIATION | 4 10 10 10 10 10 10 10 10 10 10 10 10 10 | 0.168 | DAILY TOTAL | RADIATION | 884444444 89444 89444 894444 894444 | 0.175 | DAILY TOTAL | RADIATION | 2.88.444.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3. |
|----------|--------|-------------|-----------|--|--------|-------------|-----------|---|----------|-------------|-----------|---|
| | ΚĎ | | 20 | 00000000 | ΚĐ | | | 00000000 | ΚĎ: | | | |
| TES | | | - | 000000000 | | | 19 | 00000000 | | | 19 | |
| MINUT | 648 | | 18 | | 623 | | 18 | | 296 | | ~ | 00000000 |
| s 14 | | | 17 | 1 000000000000000000000000000000000000 | | | 17 | 00000000 | 6 | | ~ | 00000000 |
| EGREE | : | | 16 | 00000000 | 7: | | 16 | 00000000 | <u>:</u> | | 16 | 00000000 |
| 35 D | ¥ | z | 15 | 1 4 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | ¥ | z | 15 | 00000000 | × | z | 15 | 00000000 |
| TUDE | | IATIO | 14 | 000000000 | | IATIO | 14 | 00000000 | | IATIO | 14 | |
| LATI | 0.20 | R RAD | 13 | 00000000 00000000 4000000000 | 0.20 | R RAD | 13 | 00000000 | 0.20 | R RAD | 13 | 0.0000000000000000000000000000000000000 |
| × | ITY: | SOLA | 12 | 00000000 | ITY: | SOLA | 12 | | ITY: | SOLA | 12 | 0.57 0.65 0.65 0.74 0.74 0.74 0.78 |
| | ECTIV | OURLY | 11 | | ECTIV | OURLY | | 0.51 0.61 0.62 0.72 0.74 0.78 | ECTIV | OURLY | 11 | 000000000 |
| 0 | REFL | x | 10 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | REFL | I | 10 | 0.53 0.53 0.53 0.64 0.66 0.70 | REFL | x | ~ | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| MARILLO | | | 0 | 144 | | | 0 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | • | 0 |
| A | 8 | | •0 | 00000000 00000000000000000000000000000 | 8 | | •0 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | 7 | | •0 | 00.12000.150000.150000.15000.15000.15000.15000.15000.15000.15000.15000.15000.150000.15000.15000.15000.15000.15000.15000.15000.15000.15000.15000.150000.15000.15000.15000.15000.15000.15000.15000.15000.15000.150000.15000.15000.15000.15000.15000.15000.15000.15000.15000.15000.150000.15000.15000.15000.15000.15000.15000.15000.15000.15000.150000.15000.15000.15000.15000.15000.15000.15000.15000.15000.15000.150000.15000.15000.15000.15000.15000.15000.15000.15000.15000.1500000.150000.150000.150000.150000.150000.150000.150000.150000.15000000.150000.150000.150000.1500000.1500000.150000.150000.1500000.15 |
| LOCATION | 90.9 | | 7 | 00000000000000000000000000000000000000 | 5.2 | | 7 | | 4.6 | | 7 | |
| 100 | . HO: | TH. | | | . H0: | Ŧ | 9 | | . но: | TH. | 9 | 600000000 |
| | HORIZ | SOUTH | ī. | | HORIZ | SOUTH | ĸ | | HORIZ | SOUTH | īŪ | |
| | 10 | ATION: | | 00000000 | 11 | rion: | 4 | 00000000 | 12 | TION: | • | 00000000 |
| | MONTH: | ORIENTA | ; | 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | MONTH: | ORIENTATION | i | 110 100 100 250 350 400 600 600 | MONTH: | ORIENTA | ; | 220.00 20.00 20.00 20.00 60.00 60.00 60.00 |

| | 0.185 | DAILY TOTAL | RADIATION | 2000 2000 2000 2000 2000 2000 2000 200 | 0.186 | DAILY TOTAL | RADIATION | NW444444 NW11101000 NV00NW046 | 0.188 | DAILY TOTAL | RADIATION | 44444444 10,00000000000 10,0000000000000000000 | | | |
|---------|---------|-------------|-----------|---|--------|-------------|-----------|--|--------|-------------|-----------|---|------|----|--|
| | ΚĐ | | 2 | 00000000 | KĐ: | | 20 | 00000000 | ΚĎ | | | 00000000 | | | |
| TES | | | 19 | 00000000 | | | 19 | 00000000 | | | 19 | | | | |
| MINUT | 448 | | - | 00000000 | 465 | | 18 | 00000000 | 491 | | 18 | | | | |
| 18 | ,. 0 | | 17 | | 9 | | 17 | 0.05 0.05 0.07 0.07 0.08 0.08 0.08 | 0. | | 17 | | | | |
| GREES | •• | | 16 | | ·• | | P-4 | 0000000 000000000000000000000000000000 | •• | | - | 28.40 | | | |
| 30 DE | K | _ | 15 | 00000000 0000000 00000000 00000000 | Σ | | 15 | 000000 000000 000000 000000 | K | | | 00000000 00000000 00000000000000000000 | | | |
| TUDE | | ATION | 14 | | | ATION | 14 | | | ATION | | 000000 000000 0000000 0000000000000000 | | | |
| LATIT | .20 | RADI | 13 | | .20 | R RADI | ADI | ADI | RAD | 13 | | .20 | RADI | 13 | |
| × | TY: 0 | SOLAR | 12 | | 1Y: 0 | SOLAR | 12 | | T.Y: 0 | SOLAR | ~ | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | | | |
| | ECTIVI | OURLY | 11 | | CTIVI | OURLY | 11 | | ECTIVI | HOURLY | 11 | | | | |
| | REFLE | 유 | 10 | | REFLE | 2 | 10 | | REFLE | H | 10 | | | | |
| STIN | | | 0 | 1 00000000 1 000000000 1 0000000000 1 00000000 | | | 6 | 00000000000000000000000000000000000000 | | | 0 | 00000000 00000000 00000000000000000000 | | | |
| AUS | | | | 00.13 | | | •• | 000000000000000000000000000000000000000 | | | •0 | 200000000000000000000000000000000000000 | | | |
| OCATION | 6.08 | | | | 7.62 | | ^ | 0.00 0.00 0.00 0.00 0.00 80 0.00 80 | 9.18 | | 7 | 000013 | | | |
| LOCA | H0: | × | | 00000000 | H0: | × | | 00000000 | H0: | I | | | | | |
| | HORIZ. | SOUTH | 5 | 00000000 | HORIZ. | SOUTH | | | HORIZ. | SOUTH | | 8888888888 | | | |
| | - | ION: | | 00000000 | 2 | TION: | | 99999999 | × | ION: | | 00000000 | | | |
| | MONTH: | ORIENTAT | ; | 60000000000000000000000000000000000000 | MONTH: | ORIENTAT | ; | - 000000000000000000000000000000000000 | MONTH: | ORIENTAT | | 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | |

| | 0.187 | DAILY TOTAL | RADIATION | 0.1.1.0.4.4.4.w 0.1.1.0.4.6.v.v.v.v.v.v.v.v.v.v.v.v.v.v.v.v.v.v | 0.186 | DAILY TOTAL | RADIATION | ろうろうろう ******************************** | 0.179 | DAILY TOTAL | RADIATION | 6660000004 804100000000000000000000000000000000000 |
|---------|--------|-------------|-----------|---|---------|-------------|-----------|---|--------|-------------|---------------|---|
| | KD: | | ~ | 00000000 | χQ. | | 20 | 00000000 | Š | | | |
| ES | | | | | | | 19 | 00000000 | | | _ | 00000000 |
| MINUTE | 089 | | 18 | | 213 | | 18 | | 299 | | | 000000000 |
| s 18 | 9.0 | | 17 | | 0.5 | | 17 | •••• | 0.5 | | 17 | 000000000000000000000000000000000000000 |
| EGREES | Ë | | 16 | | Ë | | ~ | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | Ë | | _ | 444 W W W W W W W W W W W W W W W W W W |
| 30 DE | ~ | 7 | 15 | 00000000 4444444 677684809 | Σ | z | 15 | 0000000 000000 000044446 00008 | Ξ | z | 15 | 000000000 000000000 000000000000000000 |
| TITUDE | | IATION | 14 | | | IATION | ~ | 00000000 000000 0000000 000000 000000 | | IATION | 1 | 00.000000000000000000000000000000000000 |
| LATI | 0.20 | R RAD | 13 | | 0.20 | RRAD | 13 | | 0.20 | R RAD | 13 | |
| X | 11Y: I | S0LA | 12 | | ITY: (| SOLA | - | 000000 000000 000000000000000000000000 | ITY: (| SOLA | | 000000000000000000000000000000000000000 |
| | ECTIV. | HOURLY | 11 | | ECTIV | HOURLY | 11 | | ECTIV. | HOURLY | 11 | 0.78 0.78 0.76 0.76 0.73 0.70 0.68 |
| | REFL | Ŧ | 10 | | REFL | 至 | 10 | 00000000 0000000 0000000 0000000 | REFL | Ī | 10 | 0.000.0 |
| STIN | | | 6 | 00000000000000000000000000000000000000 | | | 6 | 0000000 0000000 000044444 000086400 | | | | DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD |
| AUST | | | •0 | 00000000000000000000000000000000000000 | _ | | | 00000000 0000000 000000000000000000000 | | | •0 | 1 4 4 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |
| OCATION | 10.54 | | 7 | 00.12 | 11.29 | | 7 | 00.100 | 11.53 | | | 00.22 |
| LOCA | . OH | Ξ | | 90000000000000000000000000000000000000 | H0: | ,= | | 00000000 | . HO: | . | • | 000000000000000000000000000000000000000 |
| | HORIZ. | SOUTH | 'n | 00000000 | HURIZ. | SOUTH | 'n | 00000000 | HORIZ. | SOUTH | ī. | 000000000 |
| | • | TION: | 4 | 00000000 | 'n | TION: | 4 | 00000000 | 9 | TION: | 4 | |
| | MONTH: | ORIENTAI | | 71[-1 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0 | MONTH: | ORIENTAI | i | 110 100 200 2500 3500 600 600 600 | MONTH: | ORIENTAT | i | 11[- 10.00 220.00 35.00 40.00 60.00 |

LOCATION AUSTIN

TX LATITUDE 30 DEGREES 18 MINUTES

| 0.176 | DAILY TOTAL | RADIATION | 22.20.20.20.20.20.20.20.20.20.20.20.20.2 | 0.177 | DAILY TOTAL | RADIATION | & & & & & & & & & & & & & & & & & & & | 0.180 | DAILY TOTAL | RADIATION | ﺳ ᲡᲚᲚᲚᲚᲚᲡ ᲛᲚ ᲠᲚ ᲡᲐᲥᲠᲚᲓ ᲛᲓᲓᲗᲗᲓᲝᲛᲛ |
|------------|-------------|-----------|---|----------|-------------|-----------|---|---------|-------------|-----------|--|
| Ğ | | 20 | 00000000 | KD: | | | 00000000 | KD: | | | 00000000 |
| | | 19 | 000000000 | | | | 00000000 | | | | |
| 8 | | 7 | 000000000000000000000000000000000000000 | 22 | | 18 | | 8 | | 18 | 1 <i>• • •</i> • • • • • |
| 0.58 | | 17 | 100000000000000000000000000000000000000 | 0.58 | | | 12.50 1.20 1.13 1.13 1.14 1.14 1.14 1.14 | 0.55 | | 17 | MW4444WW |
| | | 16 | | | | 16 | 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 | | | 16 | |
| KT: | | 15 | 1 | KT: | | 15 | | KT: | | 15 | 7 |
| | TION | 14 | | | TION | | | | TION | 14 | |
| 20 | RADIA | | | 20 | RADIA | 13 | CCCCCCC. | 20 | RADIA | 13 | |
| ر ۲: او | SOLAR | 12 | | 1Y: 0. | SOLAR | 12 | | TY: 0. | OLAR | 12 | |
| FLECTIVITY | OURLY S | 11 | 26.22 20.00 | IVI | OURLY S | 11 | 6777779 6777779 8000 8000 8000 | CTIVIT | URLY S | 11 | |
| REFLE(| Ĕ | | 7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7. | REFLECT | HOC | 10 | | EFLE | H01, | 10 | 44466666 |
| uz. | | 6 | , | OX. | | 6 | 80000000000000000000000000000000000000 | ~ | | 6 | 25.000 25.000 25.000 25.000 25.000 25.000 |
| | | ∞ | | | | •• | 20000000000000000000000000000000000000 | | | • | |
| 11.27 | | 7 | 222 222 222 222 232 232 232 232 232 232 | 0.46 | | | 10000000000000000000000000000000000000 | 9.12 | | 7 | mm4444mm2 |
| HO: 1 | - | 9 | 00000000000000000000000000000000000000 | HO: 1 | _ | 9 | 422200000 | H0: | _ | 9 | 00000000 |
| HORIZ. | SOUTH | | | JRIZ. | SOUTH | Z, | 00000000 | RIZ. | SOUTH | 2 | 00000000 |
| 7 HE | : NO | | | * | ION: | 4 | 00000000 | HO | Z | 4 | 00000000 |
| •• | ATI | | | •• | A | | | <u></u> | TATIO | | 66666666 |
| MONTH | ORIENT | = | 250.00 250.00 250.00 250.00 560.00 | MONTH | ORIENT | - | 60000000000000000000000000000000000000 | MONTH | ORIENT | _ | 220.000 320.000 320.000 440.000 60.000 |

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|-----------|
| 80 |
| DEGREES |
| 30 |
| LATITUDE |
| × |
| AUSTIN |
| ATION |

| | 0.180 | DAILY TOTAL | RADIATION | 6.64 6.64 | 0 - | 200 | v.o | 0.186 | DAILY TOTAL | RADIATION | i. | 60 | disi | / 4 · 4 4 · 4 4 · 4 6 · 4 7 · 6 7 · | | 0.187 | DAILY TOTAL | RACIATION | 2.60 3.00 3.36 4.51 | 0,000 | · • |
|--------|----------|-------------|-----------|--------------|-----|-------|-------------------|------------|-------------|-----------|-------|-------|-------|---|---|--------|-------------|-----------|------------------------------|---------------|------|
| | KD: | | 20 | | | | | KD: | | 20 | | | | 900 | • | ΚĐ | | 20 | | | |
| TES | | | 19 | 000 | | | • • | | | 19 | | | | 900 | • | | | 19 | 00000 | | • • |
| MINUT | 559 | | 18 | | | | • • | 515 | | 18 | | | | 900 | • | 477 | | 18 | 00000 | | 6 |
| 5 18 | <u>.</u> | | 17 | 0.06 | 00 | 00 | e e | | | 17 | 90 | 00 | 000 | | • | | | 17 | | 9000 | |
| DEGREE | <u>:</u> | | 16 | | 225 | m.m. | พพ | : - | | 16 | 77 | 44 | 220 | 9.25 | | H | | 16 | | | 1.63 |
| 30 D | X | - | 15 | | 4.4 | 55 | 4.4 | <u> </u> | - | 15 | Ø E | ww | 4.4. | 0.62 | • | Ξ | ~ | 15 | 0.28 | יו ניו ניו ני | |
| ITUDE | | ATION | 14 | | 9 9 | 9 | 99 | | ATION | 14 | 4.4 | N. N. | vi vi | 0.5 0.5 5.5 5.5 5.5 | | | IATION | 14 | | | , r. |
| LATII | 1.20 | RADI | _ | 0.60 | | | ٠. ٥ . | 1.20 | RADI | 13 | 4.0 | ∾. | 8.6 | 9.00 | | 02.0 | RAD | 13 | | ບໍ່ຄບໍ່ຄບໍ່ຄ | , r. |
| × | TY: 0 | SOLAR | 12 | 0.63 | | | | TY: 0 | SOLAR | 12 | 70.70 | 99 | æ. ö. | 0.66 | | ITY: 0 | SOLAR | 12 | 4410101 | نابناناء | |
| | CTIVI | HOURLY | 11 | 0.00 | | ٠. | .9. | ECT IV] | OURLY | | 410 | 20.00 | ð. | 0 0 0 4 4 4 4 | • | ECTIVI | OURLY | | | | ועו |
| | REFLECTI | ¥ | 10 | 0.52 | | ð. ð. | 9.9 | REFL | ¥ | 10 | 44 | יה יה | n.n. | 0 0 0 0 0 0 0 0 0 0 | | REFLE | ¥ | 10 | | 4.4.R | . י. |
| USTIN | | | • | 0.00 | 44 | 4.4. | 4.4 | | | 6 | NW | N.W | ** | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | • | | | 6 | | วพพพ | . w. |
| AUS | 2 | | •0 | 200 | 100 | ww. | w.w. | • | | •• | 7.7 | 200 | 44 | 9.00 | · | 9 | | • | 0.11 0.13 0.16 | بنند | ici |
| ATION | 7.5 | | 7 | 0.00 | | 0.0 | - | , 9 | | _ | 0.0 | 0.0 | 00 | | | 5.4 | | 7 | | 999 | |
| 7007 | . HO: | Ξ | • | 000 | | | | . HO: | Ħ | • | | | | 000 | • | . HO: | Ŧ | 9 | 0000 | | |
| | HORIZ | SOUT | 70 | 000 | | | | HORIZ | SOUTI | 75 | | | · • | 000 | | HORIZ | SOUTH | 5 | 0000 | | |
| | 01 | ION: | _ | 000 | | | | 11 | TION: | • | | | | 000 | • | 12 | TION: | * | 0000 | | |
| | MONTH: | ORIENTATION | ; | 0.00 | | 0.0 | 0.0 | MONTH: | ORIENTAT | ; | -00 | 0.0 | 50.0 | 50.00 50.00 | • | MONTH: | ORIENTAT | _ | 10000 | | 90 |

| 54 MINUTES | |
|-------------|--|
| 25 DEGREES | |
| LATITUDE | |
| × | |
| BROWNSVILLE | |
| LOCATION | |

| 0.184 | DAILY TOTAL | RADIATION | <i>Симимимими</i> 8 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - | 0.185 | DAILY TOTAL | RADIATION | พพ44444W | 0.187 | DAILY TOTAL | RADIATION | 44444444 W/ 0000/ 044 W/ 0000/ 044 |
|-------------|-------------|-----------|--|------------|-------------|-----------|---|---------|-------------|-----------|---|
| KD: | | | | KD: | | 20 | 00000000 | Ä Ü | | | 00000000 |
| | | 19 | 000000000 | | | | | | | 19 | 00000000 |
| 454 | | - | 000000000 | 437 | | 18 | 00000000 | 481 | | 18 | |
| | | 17 | 000000000000000000000000000000000000000 | 6 | | 17 | | | | 17 | 000000000000000000000000000000000000000 |
| •• | | 16 | 0.20 0.20 0.20 0.22 0.22 0.22 | ; • | | ~ | 0000000000 | ·• | | 16 | |
| K | | 15 | 000000000000000000000000000000000000000 | X | _ | 15 | 0000000 0000000 00000000 0000000 | Ā | _ | 15 | 000000000 4444444 44444444 |
| | ATION | 14 | | | ATION | 7 4 | 00000000 44444444 89866689 | | ATION | 14 | |
| .20 | RADI | 13 | | .20 | RADI | 13 | 0000000 00000000 00000000000 00000000 | .20 | RADI | 13 | |
| TY: 0 | SOLAR | 12 | | ITY: 0 | SOLAR | 12 | 00000000 00000000 00000000000 00000000 | TY: 0 | SOLAR | _ | 0000000 000000 0000000 000000000000000 |
| EFLECTIVITY | OURLY | 11 | | ECTIVI | OURLY | 11 | | CTIVI | OURLY | 11 | |
| REFLE | 유 | 10 | | REFLE | 유 | 10 | | REFLE | 8 | | 0000000 000000 000000 000000 000000 |
| | | • | 1 0000000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | 00000000 00000000 000000000 00000000 | | | • | 000000000 14444444 144444444 |
| | | ∞ | 00.20 | | | €0 | 00000000000000000000000000000000000000 | | | •• | 20000000000000000000000000000000000000 |
| 6.78 | | 7 | 00.00 00.00 00.00 00.00 00.00 00.00 | 8.20 | | ~ | 00000000000000000000000000000000000000 | 9.56 | | 1 | 000000000000000000000000000000000000000 |
| H0 | Ŧ | | | 9 | I | | 00000000 | HO: | I | | |
| HORIZ. | SOUT | 5 | 00000000 | HORIZ. | SOUT | | 00000000 | HORIZ. | SOUTI | | 00000000 |
| - | ATION: | | | 8 | ATION: | | 000000000 | N | TION: | | 000000000 |
| MONTH: | ORIENTA | - | 22 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | MONTH: | ORIENTA | - | 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | MONTH: | ORIENTA | ; | 220.00 225.00 255.00 255.00 256.00 |

| | 9.186 | DAILY TOTAL | RADIATION | ਸ਼ਸ਼ਸ਼ਸ਼ਸ਼ਸ਼ ਫ਼ਫ਼ਫ਼ ਖ਼ਸ਼ਖ਼ਸ਼ਸ਼ਫ਼ਫ਼ਸ਼ਜ਼ ਲ਼ਸ਼ਸ਼ਸ਼ਸ਼ਫ਼ਸ਼ਖ਼ਜ਼ | 0.182 | DAILY TOTAL | RADIATION | ΦΝΝΝΝΝΑΦΝ ΒΦΥΝΝΝΙΦΝ ΒΟΛΦΦΦΘΦΟ | 0.176 | DAILY TOTAL | RADIATION | 66600000000000000000000000000000000000 |
|-----------|----------|-------------|-----------|--|--------|-------------|-----------|--|--------|-------------|---------------|--|
| | KD: | | | 00000000 | χ Ω | | 20 | 00000000 | KD: | | 20 | |
| ES | | | - | 00000000 | | | — | 9999999 | | | $\overline{}$ | 00000000 |
| MINUTE | 514 | | _ | 00000000 00000000 | 542 | | 18 | 00000000 0000000 0000000 0000000 | 587 | | 18 | |
| S 54 | • | | | 00000000 | • | | 17 | 000000000000000000000000000000000000000 | 6 | | 17 | 000000000000000000000000000000000000000 |
| DEGREE | :: | | | 00000000 00000000 000000000 00000000 | Ë | | 16 | 00000000000000000000000000000000000000 | Ë | | 16 | 20000000000000000000000000000000000000 |
| 25 DI | * | z | 15 | 00000000 00000000 000000000 | * | z | 15 | 00000000 000000 0000000 00000000000000 | ₩ | 2 | 15 | 00000000 00000000 00000000000000000000 |
| ATITUDE | | IATIO | 7 | 0000000 0000000 000000000 00000000 | | IATIO | | 00000000000000000000000000000000000000 | | IATIO | | 00000000 00000000000000000000000000000 |
| LATI | 0.20 | R RAD | 13 | | 0.20 | R RAD | _ | 0.74 0.74 0.72 0.64 0.58 0.58 | 0.20 | R RAD | 13 | 00000000 |
| × | ITY: | SOLA | 12 | 0000000 | ITY: | SOLA | ~ | 7 | ITY: | SOLA | 12 | 00000000 |
| | EFLECTIV | HOURLY | 11 | 00000000 | ECTIVI | HOURLY | 11 | 00000000 | ECTIV | HOURLY | 11 | 80000000 |
| ווופ | REFL | I | 10 | 00000000 | REFL | I | 16 | 00000000 | REFL | I | 10 | 000000000 |
| ROMNSVILL | | | | 00000000 | | | • | 80000000 | | | • | 000000000000000000000000000000000000000 |
| 40 | • | | •0 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 | | | • | 0.32 | • | | | 44.00000000000000000000000000000000000 |
| OCATION | 10.6 | | 7 | 000000000000000000000000000000000000000 | 11.2 | | | 0000000 | 11.3 | | | 00.124 |
| 707 | . HÖ. | Ŧ | | | . FÖ. | Ħ | 9 | 1 00000000 1 00000000000000000000000000 | . HO: | H | 9 | 000000000000000000000000000000000000000 |
| | HGRIZ | SOUT | Ŋ | 00000000 | HORIZ | SOUTH | 'n | 000000000 | HORIZ | SOUT | 'n | 00000000 |
| | • | TION: | * | 66666666 | ιń | TION: | * | | • | TION: | 4 | |
| | HUNTH: | ORIENTA | ; | 11[1 0.00 10.00 20.00 35.00 40.00 60.00 | MONTH: | ORIENTA | í | 250.00 250.00 250.00 250.00 250.00 250.00 | MONTH: | LKIENTA | į | 1111 10.00 22.00 30.00 35.00 50.00 50.00 |

| 54 MINUTES |
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| 25 DEGREES |
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| 0.168 | DAILY TOTAL | RADIATION | 44444444 \$\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | 0.173 | DAILY TOTAL | RADIATION | @@@@@ @@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@ | 0.179 | DATLY TOTAL | RADIATION | មមមម្គមក្រម្ម ភូមិក្ខុងកំពុក្យម៉ាន់ ឯកឧទ្ធភឧធមានប |
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| S4 MINUTES |
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| 25 DEGREES |
| LATITUDE |
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| BROWNSVILLE |
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| | 6 119 | DAILY TOTAL | RADIATION | ֏ ՟ֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈ ֈֈֈֈֈֈֈֈֈֈֈ ֈֈֈֈֈֈֈֈ | 0.188 | DAILY TOTAL | RADIATION | NW444444 NC-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1 | 0.185 | DAILY TOTAL | RADIATION | 2 m m m m m m m m m m m m m m m m m m m |
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| | KD: | A | 20 | | KD: | | 20 | | ΚĐ | | Ş. | |
| res | | | 19 | | | | 19 | 00000000 | | | 19 | |
| MINUTES | 561 | | 18 | | 193 | | 18 | 00000000 | 139 | | | |
| 3,4 | 5 | | 17 | | 9. | | 17 | •••••••• •••••••• ••••••• •••••• •••• •••• | | | 17 | |
| DEGREES | <u></u> | | 16 | | <u>:</u> | | 16 | 00000000 00000000 00000000000000000000 | <u>:</u> | | 16 | |
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| LATI | 0.20 | a c | 13 | | 0.20 | R RAD | 13 | 40000000 40000000 400000000 | 0.20 | R RADIA | 13 | 44400000000000000000000000000000000000 |
| × | ITY: | SOLAR | 12 | | ۲ | SOLA | 12 | 00000000000000000000000000000000000000 | ITY: | SOLA | 12 | |
| | EFLECTIV | HOUREY | | 00000000 0000000 0000000 00000000 | FLECTIVI | HOURLY | 11 | 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 | EFLECTIV | HOURLY | 11 | 000000000 |
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| 100 | Z. HO: | SOUTH | | 00000000 | 운 . | SOUTH | _ | | ₩. | SOUTH | | 000000000 |
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| | 2T . 0 | ILY TOTAL | ADIATION | Munuunnun Munuunnun Munuun | 0.186 | ILY TOTAL | ADIATION | WW444444 0011100110 0110000000000 | 0.187 | ILY TOTAL | 4.5 | |
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| ES | | | | 00000000 | | | | 00000000 | | | 1 • • | 0000000 |
| 9 | 9.436 | | | NUNNUNNN | 959.0 | | - | 0000000 0000000 00000000 | 0.479 | | 2 9.0 | |
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| [41] | v. | R RADI | 13 | : 4466666666 046468666 | 0.20 | R RADI | 13 | るちちちちちちちちち のキアクののめら す | 0.20 | R RADI | .59 | 9999999 999999 999999 |
| × | 11Y: | SOLA | 12 | | 77: | SOLA | 12 | 00000000 | VITY: | SOLA | 12 | 1448888 1000000 1000000 1000000000 |
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| CHR | 8 | | 7 | NAUNUNUNU 00000000 1000000000 | REF | | . 10 | 44860000 | REFL | | 200 | |
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| | . - - | TION: | | | ~ | TION: | | 00000000 | n | TION: | 1 . | |
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| | 0.187 | DAILY TOTAL | RADIATION | | 0.185 | DAILY TOTAL | RADIATION | NNNNNA4W BBAKNABWY BHBABEVAA | 0.177 | DAILY TOTAL | RADIATION | ឧកឧប្រក្សាប្ត ឧក្រក្សាប៉ូសុំ ឧប្រក្សាប៉ូសុំ |
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| ES | | | | | | | 19 | | | | * | ***** |
| MINUTES | 82 | | 18 | 22222222 | ĸ. | | 18 | • • • • • • • • • | | | 18 | 679844444 |
| ÷ | 1.488 | | 17 | | 1.52 | | 17 | WWW # W # W # W # W # W # W # W # W # | 0.57 | | 17 | 44095V308 |
| EES | | | 9 | | | | • | | | | | 44484846 |
| DEGREES | KT: | | Ä | | KT: | | - | | KT: | | Ä | |
| 27 | | = | 15 | 4444444 | | = | 15 | | _ | z | 15 | |
| UDE | | RADIATIO | 14 | | | RADIATIO | 14 | | | ATION | 14 | 1 000000000000000000000000000000000000 |
| ATITUDE | 20 | RADI | - | | .28 | RADI | 13 | 7.7.5.9.5.6.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0 | 20 | RADI | 13 | 1 |
| _ | | SOLAR | ~ | NOOWNWADA | | SOLAR | 12 | | | OLAR | 21 | 88877779 88877779 88877779 88877779 8887779 |
| × | REFLECTIVITY | _ | | N. 4 N. 4 N. 4 V. G. | REFLECTIVITY | | _ | | EFL ECTIVITY | € | _ | 00000000000000000000000000000000000000 |
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| 5 | | NTUGS | | | Z. #G | SOUTH | | 00000000 | Z. HO | SOUTH | • | 00000000 |
| | HOR 12 | S 91 | 'n | | HORIZ. | SO | M) | | HOR 12 | 201 | | •••••• |
| | • | TION: | • | | w | . XOI . | 4 | | • | 110N: | • | |
| | MONTH: | ORIENTAL | 1 | 60000000000000000000000000000000000000 | MONTH: | ORIENTATION | ; | 44 | HDNTH: | ORIENTAL | | 24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 |

| 46 MINUTES |
|------------|
| 27 DEGREES |
| LATITUDE |
| ĭ |
| CHRISTI |
| CORPUS |
| LOCATION |

| 0.170 | DAILY TOTAL | RADIATION | 33333444444 884344466 98434666 | 0.175 | DAILY TOTAL | RADIATION | 66666666666666666666666666666666666666 | 0.178 | DAILY TOTAL | RADIATION | 20000000000000000000000000000000000000 |
|--------|-------------|-----------|--|----------|-------------|-----------|---|--------|-------------|-----------|---|
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| | | | 00000000 | | | 19 | | | | 19 | 00000000 |
| 614 | | 18 | 00.00 00.00 00.00 00.00 00.00 00.00 | 296 | | 18 | 000000000000000000000000000000000000000 | 569 | | 18 | |
| 0.0 | | ~ | 0.022 0.022 0.12 0.12 0.03 | 0 | | 17 | 00.21 00.15 00.15 00.15 00.15 | 6 | | | 000000 |
| ·• | | | 000000 000000 000000000000000000000000 | ·· | | 16 | ช ชพพพพพพพ | •• | | 16 | |
| Σ | _ | 15 | | <u> </u> | _ | 15 | 00 00 00 00 00 00 00 00 00 00 00 00 00 | KT | _ | 15 | 00000000000000000000000000000000000000 |
| | ATION | 14 | 0.72 0.72 0.72 0.68 0.58 | | ATION | 14 | 77777 | | ATION | 14 | |
| .20 | RADI | 13 | | .20 | RADI | 13 | | 1.20 | RADI | 13 | 0.75 |
| TY: 0 | SOLAR | 12 | 0.387 0.387 0.387 0.387 0.77 0.77 0.69 | 17: 0 | SOLAR | 12 | | TY: 0 | SOLAR | | 0.77 |
| CTIVI | HOURLY | 11 | | ECTIVI | OURLY | 11 | | ECTIVI | URLY | 11 | 0.77 |
| REFLE | Ħ | 10 | 0.744 0.775 0.775 0.568 0.568 0.568 | REFLE | ¥ | 10 | | REFLE | 유 | 10 | |
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| | | • | 00000000 4444888000 1440080404 | ÷ | | • | 0.35 0.35 0.35 0.35 0.35 0.35 | | | | 00000000000000000000000000000000000000 |
| 11.22 | | 7 | 0.022000.0224 | 10.5 | | 7 | 0.21 0.19 0.18 0.17 0.16 0.15 | 9.34 | | 7 | 4444444 |
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| HORIZ. | SOUT | | 00000000 | HORIZ. | SOUTH | ī, | | HORIZ. | SOUT | ĸ | 00000000 |
| 7 | TION: | 4 | 00000000 | •0 | TION: | 4 | | ø | TION: | \$ | |
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| 46 MINUTE |
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| DEGREES |
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| | 0.178 | DAILY TOTAL | RADIATION | 44 NNNNNNN 40 NN 444 N 40 HN HN 70 | 0.187 | DAILY TOTAL | RADIATION | WW444444 VV-0VW44V4 \$U40W0404 | 0.186 | DAILY TOTAL | RADIATION | 24444444444444444444444444444444444444 |
|--------|----------|-------------|-----------|---|-------------|-------------|-----------|--|--------|-------------|-----------|---|
| | KD: | | | 00000000 | K 0: | | 20 | 00000000 | χ Ω | | 20 | 00000000 |
| TES | | | 19 | 000000000 | | | 19 | 000000000 | | | 19 | 000000000 |
| MINUTE | 569 | | F | 00000000 | 510 | | | | 452 | | - | 00000000 |
| \$ 46 | | | 17 | 0.0000000000000000000000000000000000000 | 6 | | 17 | 00000000 | 0 | | 17 | 00000000 |
| EGREE | <u>:</u> | | 16 | 00000000 | 7: | | 1 | 9612222222 | :- | | 16 | 00000000 |
| 27 D | ¥ | ž | 15 | 00000000 | × | Z. | | 00000000 | × | Z | | 000000000 |
| TUDE | | IATIO | 14 | 00000000 | | IATIO | - | 00000000 | | IATIO | 14 | 000000000 |
| LATI | 6.20 | IR RAD | 13 | 000000000 | 0.20 | IR RAD | 13 | 00000000 | 0.20 | R RAD | 13 | |
| × | VITY | Y SOLA | ~ | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | VITY: | Y SOLA | 12 | 24 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | VITY: | r 501A | 12 | 144NNNNNNN |
| STI | LECTIV | HOURLY | 11 | 00000000 | LECTIV | HOURLY | | | LECTIV | HOURLY | 11 | 144NNNNNNN |
| CHRI | REFI | _ | 10 | 00000000 | REFI | - | 10 | | REF | _ | 10 | umaaaaaaa |
| ORPUS | | | 6 | | | | C | | | | | |
| z | 85 | | •0 | | 45 | | •• | | 89 | | *0 | |
| OCATIO | . 7. | | | 00000000 | | | | 60000000 | | | 7 | 000000000 |
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| | 10 | TION: | | 00000000 | 11 | TION: | 4 | | 12 | TION: | 4 | |
| | MONTH: | ORIENTA | | 71 L J J J J J J J J J J J J J J J J J J | MONTH: | ORJENTA | | 22001000000000000000000000000000000000 | MONTH: | ORIENTAT | | 25.00 25.00 330.00 35.00 56.00 60.00 |

| | KD: |
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| 5 51 MINUTES | 0.458 |
| 32 DEGREES | кт: |
| LATITUDE | 0.20 |
| ¥ | REFLECTIVITY: 0.20 |
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| | 0.186 | DAILY TOTAL | RADIATION | 23.83.33.83.53.54.54.54.54.54.54.54.54.54.54.54.54.54. | 0.186 | DAILY TOTAL | RADIATION | 80044444 800000000000000000000000000000 | 0.188 | DAILY TOTAL | RADIATION | 44444444 47800000 4 7800000 7 |
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| 30n. | | ATION | 4 | 00 00 00 00 00 00 00 00 00 00 00 00 00 | | ATION | | 4444000004 | | ATION | 14 | 00000000000000000000000000000000000000 |
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| | REFLE | Ĭ | 10 | 00000000000000000000000000000000000000 | REFL | Ĭ | 10 | 0000000 444400000 4084400000 | REFLE | Ħ | 10 | 0000000 000000 0000000 000000000000000 |
| LLAS | | | 6 | 481288888888888888888888888888888888888 | | | 6 | 00000000000000000000000000000000000000 | | | Φ | 000000000 44444444 044444444 |
| DAI | 9 | | •0 | 00.114 00.114 00.118 00.20 00.20 | 4 | | •0 | 000000 000000 000000000000000000000000 | J | | ∞ | 00000000000000000000000000000000000000 |
| ATION | 5.6 | | 7 | | 7.2 | | -1 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 8.9 | | 7 | 000000000000000000000000000000000000000 |
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| | HORIZ | SOUT | Ŋ | | HORIZ | SOUT | ĸ | 00000000 | HORIZ | SOUT | | 0000000000 |
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| | MONTH: | ORIENTAT | - | 110 100 100 250 360 560 660 660 | MONTH: | ORIENTAT | ; | 225 . 00 225 . 00 225 . 00 225 . 00 60 . 00 60 . 00 | MONTH: | ORIENTAT | | 110 100 200 200 300 350 600 600 600 600 |

| | 0.188 | DAILY TOTAL | RADIATION | & & & & & & & & & & | 0.184 | DAILY TOTAL | RADIATION | พพพพพพพ ••••••• •••••• ••••• •••• ••• • | 0.177 | DAILY TOTAL | RADIATION | \$\$\$\$\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ |
|---------|----------|-------------|-----------|--|--------|-------------|-----------|---|----------|-------------|-----------|---|
| | KD: | | 20 | 00000000 | ξĎ: | | | 00000000 | KD: | | 20 | |
| rES | | | - | 00000000 | | | | 00000000 | | | 19 | |
| MINUT | 161 | | 18 | 000000000 0000000000000000000000000000 | 929 | | 18 | 0.00 | 980 | | | 0.0000000000000000000000000000000000000 |
| 51 | 4.0 | | 17 | | . s | | 17 | 0.24 0.23 0.23 0.18 0.16 0.14 | 0.5 | | 17 | |
| GREES | •• | | 16 | | | | 16 | | •• | | 16 | AAAAWWWWW |
| 32 DE | Ā | _ | 15 | | X | _ | 15 | | ¥ | | - | |
| TUDE | | ATION | 14 | | | ATION | 14 | | | ATION | ~ | 00.722 00.722 00.657 00.653 00.653 |
| LATIT | .20 | RADI | 13 | | .20 | RADI | - | 0.72 0.72 0.72 0.67 0.65 0.65 0.65 0.65 | .20 | RADI | _ | 0.75 0.75 0.75 0.75 0.75 0.70 |
| × | TY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | | 00.773 00.773 00.773 00.627 00.627 | TY: 0 | SOLAR | 12 | 00.881 00.788 00.788 00.748 00.67 |
| | FLECTIVI | OURLY | 11 | | ECTIVI | OURLY | 11 | 0.71 0.72 0.72 0.69 0.65 0.65 0.65 0.53 | FLECTIVI | OURLY | 11 | 0.75 0.75 0.75 0.75 0.75 0.70 0.56 |
| | REFLI | Ĭ | 10 | | REFL | Ĭ | 10 | | REFLI | Ĭ | | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 |
| LLAS | | | 6 | 00000000 444444444 78877448 | | | ٥ | 00000000 00000 000000 000000 000000 0000 | | | 0 | 60000000000000000000000000000000000000 |
| DAI | 2 | | | 00000000000000000000000000000000000000 | | | | 0000000 4 w w w w w w w w w w w w w w w w w w w | 0 | | ∞ | 00000000000000000000000000000000000000 |
| OCATION | 10.4 | | 7 | 0.18 | 11.3 | | 7 | 00.00 00 | 11.6 | | 7 | 000000000000000000000000000000000000000 |
| 1001 | . HO: | Ξ | 9 | 00000000000000000000000000000000000000 | . но: | Ξ | 9 | 000000000000000000000000000000000000000 | . HO: | Ξ | 9 | 0.0000000000000000000000000000000000000 |
| | HORIZ | SOUTH | | | HORIZ | SOUTH | īU | 00000000 | HORIZ | SOUTH | | |
| | J | TION: | | 00000000 | ĸ | TION: | | 00000000 | 9 | TION: | | 00000000 |
| | MONTH: | ORIENTA | ; | 220.00 320.00 30.00 50.00 60.00 60.00 | MONTH: | ORIENTA | j | 20000000000000000000000000000000000000 | MONTH: | ORIENTA | ; | 10.00 20.00 30.00 30.00 50.00 60.00 |

| | 0.175 | DAILY TOTAL | RADIATION | ᲒᲒᲥᲚᲚᲚ ᲒᲒᲥᲚᲚᲑ ᲒᲒᲥᲚᲚᲑ ᲒᲒᲒᲚᲚᲘ | 0.175 | DAILY TOTAL | RADIATION | & & & & & & & & & & & & & & & & & & & | 0.179 | DAILY TOTAL | RADIATION | ຎຑຆຑຑຑຑຑ ວິນ ວິນ ວິນ ວິນ ວິນ ວິນ ວິນ ວິນ ວິນ ວິນ | | |
|---------|----------|-------------|-----------|--|--------|-------------|-----------|---|--------|--|-----------|--|----|--|
| | KD: | | | 00000000 | χ Ö | | 20 | 00000000 | KD: | | | 00000000 | | |
| ES | | | | 00000000 | | | | 00000000 | | | 19 | 00000000 | | |
| MINUTE | 92 | | | 00000000 | 93 | | 18 | 00000000 | 63 | | 18 | | | |
| 51 | 0.5 | | 17 | 00.000 | 0.5 | | | 22244444 | 0.5 | | 17 | | | |
| GREES | •• | | 16 | 00000000000000000000000000000000000000 | | | 16 | 0000000 0000000 000000000 000000000000 | | | 16 | M. W. W. W. W. W. W. W. W. W. W. W. W. W. | | |
| 32 DEGI | X | | 15 | ������������������������������������ | KT | | | 1000000000000000000000000000000000000 | X | | 15 | 00000000000000000000000000000000000000 | | |
| ш | | ATION | 14 | 1 2 2 2 2 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 | | ATION | ~ | 0.00 0.72 0.72 0.69 0.68 0.53 | | ATION | 14 | | | |
| LATITUD | .20 | RADI | | 1 88 80 7 7 7 7 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 | .20 | RADI | 1 | 6278888103 627800100 | .20 | RADI | 13 | 67777776 677777770 | | |
| × | 1Y: 0 | SOLAR | 12 | 00000000000000000000000000000000000000 | TY: 0 | SOLAR | 12 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | TY: 0 | SOLAR | 12 | 0.78 0.78 0.78 0.78 0.74 0.77 | | |
| | CTIVI | HOURLY | 11 | 00000000000000000000000000000000000000 | ECTIVI | HOURLY | URLY | URLY | | 0.80 0.81 0.81 0.88 0.72 0.72 0.72 | CTIVI | OURLY | 11 | |
| | REFLE | H | 10 | 00.72 | REFLE | 9 | 10 | 0.69 0.71 0.72 0.72 0.69 0.68 | REFLE | H | 10 | | | |
| LAS | | | 6 | 000000000000000000000000000000000000000 | | | 6 | 000000 00000 00000 00000 00000 00000 | | | 6 | 00000000000000000000000000000000000000 | | |
| DAL | | | | 00000000 00000000 00000000000000000000 | | | •0 | 000000 0000000 00000000000000000000000 | | | •0 | 00000000 | | |
| DCATION | 11.29 | | 7 | 00.000 | 10.37 | | | 00.10 00.10 00.11 00.11 00.11 00.11 | 88.88 | | 7 | 000000000000000000000000000000000000000 | | |
| LOCA | :0H | I | 9 | 000000C | :0H | I | 9 | 44800000000000000000000000000000000000 | H0: | I | 9 | | | |
| | HORIZ. | SOUT | | 00000000 | HORIZ. | SOUTH | | | HORIZ. | SOUT | | 000000000 | | |
| | ~ | : NOI | | | • | TION: | | 00000000 | • | :NOI | | 00000000 | | |
| | MONTH: | ORIENTAT | ; | 11[- 10 0 0 10 0 0 10 0 0 10 0 0 10 0 0 10 0 0 10 0 0 | MONTH: | ORIENTAT | ; | 60.00 60.00 60.00 60.00 60.00 | MONTH: | ORIENTAT | ; | 116. 220.00 330.00 350.00 550.00 | | |

| | 0.179 | DAILY TOTAL | RADIATION | 4444000000 | 0.184 | DAILY TOTAL | RADIATION | 0mmm4444 • 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | 0.187 | DAILY TOTAL | RADIATION | 2000 N N N N N N N N N N N N N N N N N N |
|---------|--------|-------------|-----------|--|--------|-------------|-----------|---|--------|-------------|-----------|--|
| | KD: | | 2 | 000000000 | ΚĎ | | | 898888888 | KD: | | | |
| TES | | | - | 00000000 | | | 19 | 00000000 | | | 19 | |
| MINUT | 562 | | | | 525 | | 18 | 000000000 | 490 | | 18 | |
| 5 51 | 9. | | 17 | 000000000000000000000000000000000000000 | | | 17 | _ | • | | 17 | |
| EGREE | :- | | 16 | 00000000000000000000000000000000000000 | - | | 16 | | :- | | | 00000000 |
| 32 D | × | z | 15 | 00000000 W4444444 V00V666006 | ¥ | z | 15 | , , , , , , , , , , , , , , , , , , , | × | z | - | 00000000000000000000000000000000000000 |
| TUDE | | LATIO | 14 | | | IATION | ~ | 00000000000000000000000000000000000000 | | IATIO | 14 | 00000000000000000000000000000000000000 |
| LATI | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | 20000000000000000000000000000000000000 |
| × | ITY: | SOLA | 12 | | ITY: | SOLA | 12 | | 1γ: | SOLA | | 20000000000000000000000000000000000000 |
| | ECTIV | OURLY | | 00.72000.730000.730000.73000.73000.73000.73000.73000.73000.73000.73000.73000.73000.730000.73000.73000.73000.73000.73000.73000.73000.73000.73000.730000.73000.73000.73000.73000.73000.73000.73000.73000.73000.73000.730000.73000.73000.73000.73000.73000.73000.73000.73000.73000.730000.730000.73000.73000.73000.73000.73000.73000.73000.73000.73000.73000.730000.730000.730000.730000.730000.730000.730000.730000.730000.7300000.730000.730000.730000.730000.730000.7300000.7300000.7300000000 | ECTIV | HOURLY | 11 | | ECTIVI | HOURLY | | 000000000 0000000000000000000000000000 |
| | REFL | Ξ | 10 | 00000000 111100000000 11110000000000 | REFL | Ī | 10 | | REFL | I | 10 | 00000000000000000000000000000000000000 |
| LLAS | | | 0 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | • | 00.00 00.00 00.00 00.00 00.00 | | | 0 | 000000000000000000000000000000000000000 |
| DA | 9 | | *0 | 00000000 00000000000000000000000000000 | 8 | | •0 | 0000000 | 2 | | 10 | 000000000000000000000000000000000000000 |
| OCATION | 7.1 | | ~ | 0.05 | 5.6 | | 7 | | 5.0 | | 7 | |
| 707 | . HQ: | OUTH | | | . HO: | OUTH | | 00000000 | . HO: | TH. | | 000000000 |
| | HORIZ | 300 | | | HORIZ | SOU | 5 | 000000000 | HORIZ | SOUT | | 000000000 |
| | 10 | .TION: | | 00000000 | 11 | : NOI 11 | | 000000000 | 12 | TION: | | |
| | MONTH: | ORIENTA | | 11[1 10.0 220.0 330.0 50.0 60.0 60.0 60.0 60.0 | MCNTH: | ORIENTA | | 65 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | MONTH: | ORIENTA | i | 1111 0.0 220.00 225.00 30.00 40.00 50.00 |

| | 0.187 | DAILY TOTAL | RADIATION | NNNNN4444 0478001111 0000807282 | 0.188 | DAILY TOTAL | RADIATION | N4444444 6144474674 4100886047 | 0.183 | DAILY TOTAL | RADIATION | ֏ ԽՆՐԽԽԽԽ • |
|---------|---------|-------------|-----------|--|---------|-------------|-----------|--|--------|-------------|-----------|---|
| | KD: | | | 00000000 | KD: | | | 00000000 | KD: | | 20 | |
| TES | | | - | 00000000 | | | | 00000000 | | | 19 | 000000000 |
| MINUT | 485 | | | 00000000 | 491 | | | 00000000 | 537 | | | |
| 22 | | | | 00000000 | | | 17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 0 | | 17 | 00.000. |
| DEGREES | | | 16 | 00.221 | | | | 0.21 0.25 0.25 0.27 0.27 | ·• | | | 000000000000000000000000000000000000000 |
| 29 DE | K | _ | _ | 00000000000000000000000000000000000000 | 2 | | 15 | mmadadada | Σ. | | ~ | 0000000 000000000000000000000000000000 |
| UDE | | ATION | _ | 84444666666666666666666666666666666666 | | ATION | 14 | | | ATION | _ | 000000000000000000000000000000000000000 |
| LATITUD | .20 | RADI | - | 20000000 200000000 2000000000000000000 | .20 | RADI | | 000000 00000 00000 00000 00000 00000 0000 | .20 | RADI | 13 | 0 . 72 0 . 72 0 . 72 0 . 73 0 . 68 |
| × | TY: 0 | SOLAR | ~ | 84.00 6.00 8.00 6.00 6.00 6.00 6.00 6.00 6 | TY: 0 | SOLAR | | 000000 00000 000000 000000 000000 | TY: 0 | SOLAR | _ | 0.75 0.75 0.75 0.75 0.75 |
| | ECTIVI | HOURLY | 11 | 20000000000000000000000000000000000000 | ECTIVÍ | HOURLY | 11 | 00000000 0000000 0000000 00000000 | ECTIVI | OURLY | - | 0.72 0.72 0.72 0.70 0.68 |
| | REFLE | Ħ | 10 | 000000 84440000000 100000000 | REFLE | £ | 10 | | REFLE | H | 10 | 000000000000000000000000000000000000000 |
| . RIO | | | 6 | 0.22 0.33 0.33 0.40 0.40 0.40 | | | 6 | 0.3 0.3 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 | | | • | 44 W W W W A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 |
| DE | m | | •• | 4 C C C C C C C C C C C C C C C C C C C | S | | | กลุกลุกลุกลุก | _ | | •0 | 00000000000000000000000000000000000000 |
| OCATION | 6.2 | | ~ | | 7.7 | | 7 | | 9.27 | | 7 | 000000000000000000000000000000000000000 |
| LOCA | . HO: | H | | | . HO: | Ŧ | 9 | 000000000 | . HO: | Ξ | 9 | |
| | HORIZ | SOUT | 3 | | HORIZ | SOUTH | S | 00000000 | HORIZ | SOUTH | 5 | 000000000 |
| | - | :NOI | | 00000000 | 8 | : NOI | 4 | 00000000 | m | TON: | | |
| | MONTH: | ORIENTAT | - | 10.00 220.00 330.00 435.00 60.00 | MONTH: | ORIENTAT | - | 400 400 600 600 600 600 600 600 | MONTH: | ORIENTAT | - | 10.00 25.00 30.00 40.00 50.00 |

| | 0.187 | DAILY TOTAL | RADIATION | พพพพพพ พ.ช.พ.ช.พ.ช.พ. พ.ช.พ.ช.พ.ช.พ. พ.ช.พ.ช.พ | 0.186 | DAILY TOTAL | RADIATION | ちらちろうちょう ケイ・ なこのでは なこのでは なこのでは ないのでは ないできまする | 0.180 | DAILY TOTAL | RADIATION | && UNUNUAU |
|----------|--------|-------------|-----------|--|--------|-------------|---|--|--------|-------------|-----------|---|
| | KD: | | 20 | | ΚĎ | | 20 | 00000000 | ΚĎ | | 20 | |
| ES | | | 19 | | | | | 00000000 | | | 19 | 00000000 |
| MINUTE | 07 | | 13 | | 11 | | 18 | 0.0000000000000000000000000000000000000 | 55 | | 18 | |
| 22 | 9.5 | | 17 | | 0.5 | | 17 | 00 00 00 00 00 00 00 00 00 00 00 00 00 | 0.5 | | 17 | 00.22 00.22 00.13 00.15 00.00 |
| GREES | •• | | 16 | | •• | | 16 | 0000000 0000000 0000000000000000000000 | | | 16 | |
| 29 DE | K | | 15 | 0000000 40444444 \$00000000 | K | _ | 15 | | K | | 15 | |
| TUDE | | ATION | 14 | 1 00000000 1 000000000 1 0000000000 1 00000000 | | ATION | ~ | 40000000000 | | ATION | | 00000000 00000000 000000000 0000000000 |
| LATIT | .20 | RADI | 13 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | .20 | RADI | 13 | · - · | .20 | RADI | 13 | 00.000 |
| × | TY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | 0.00 0.72 0.73 0.68 0.68 0.59 0.59 | TY: 0 | SOLAR | 12 | |
| | ECTIVI | HOURLY | 11 | | ECTIVI | HOURLY | ======================================= | | ECTIVI | HOURLY | 11 | |
| | REFLE | H | 10 | | REFLE | ឣ | 10 | | REFLE | ¥ | 10 | |
| RIO | | | 9 | 00000000 4044444 0000000000 | | | 6 | 00000000 0000000 000000000 000000000 | | | ٥ | |
| DEL | | | •• | 10000000 10000000 10000000000000000000 | | | •0 | 000000 0000000000000000000000000000000 | | | •0 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 |
| LOCATION | 10.57 | | ^ | 00.100 00.100 00.110 00.115 110.110 | 11.27 | | 7 | 0 | 11.49 | | ~ | 00.22 |
| LOCA | H0 | × | • | 4mmn00000 | H0: | Æ | 9 | 000000 00000 000000 000000000000000000 | H0: | ∓ | 9 | 000000000000000000000000000000000000000 |
| | HORIZ. | SOUTH | 'n | 00000000 | HORIZ. | SOUTH | Ŋ | 00000000 | HORIZ. | SOUT | | 00000000 |
| | 4 | :NOI | | | 2 | : NOI | | 00000000 | • | : NOI | | |
| | MONTH: | ORIENTAT | - | 41L1 10.00 22.00 35.00 40.00 60.00 | MONTH: | ORIENTAT | | 225.00 225.00 225.00 225.00 60.00 | MONTH: | ORIENTAT | ; | 10.00 20.00 20.00 30.00 40.00 60.00 |

| | 0.177 | LY TOTA | DIATION | 4 | • | 3 | 0 | ∞. | 7. e | ? લ | | 0.177 | LY TOTA | DIATION | • | <u>.</u> ٠ | : -: | 0,0 | • | 9 | 5.21 4.65 | 0.182 | LY TOTA | DIATION | 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 | 4101 | 201 |
|----------|--------|---------|---------|------|-------|------|------|---------|------------|-------------------|--------|---------|----------|---------|-----|------------------|--------|--------------|---|----------------|----------------|--------|---------|---------|---|---------|---------|
| | | DAI | Z A | | | | | | | | | | DAI | 2 | | | | | | | | | DAI | 2 | | | |
| | KĐ: | • | 20 | • | • • | • | • | • | o | • | | KĐ: | _ | 20 | • | ٠ | | ٠ | • • | • | 0 0 | KD: | _ | | 0000 | | |
| ES | | | 19 | • | | • | • | • | | • | • • | | | 19 | | • | | • | | | 00 | | | | 0000 | | |
| MINUTE | 92 | | 18 | = | | 0 | 0 | 0 | 0 | 9 = | 0.03 | 82 | | 18 | ! | | | 0,6 | • | 0 | 0.02 | 43 | | 18 | 0000 | 0.00 | 000 |
| 22 | 0.5 | | 17 | 25. | . ~ | .21 | .20 | . 19 | .13 | <u> </u> | 60. | 0.5 | | 17 | 1 1 | 25 | .19 | | 17 | . 16 | 11. | 0.5 | | 17 | E E E E | en. | 22. |
| EGREES | | | 16 | 2 9 | 3 | 40 | . 33 | .37 | • | 70 | .24 | | | 16 | 1 1 | 6 0 M | 36 | 80 L | 900 | 34 | | | | 16 | | mm. | .31 |
| 9 DEG | KT | | 15 | 0 | , ec | 26 | 55 | 53 | | 7 4 | . 38 0 | KT: | | 15 | 1 | 56 | 26 | 56 |) N | 25 | .48 0 .43 0 | KT: | | 15 | 44.01 6000 | 900 | 5 7 C |
| 8 | | NOI | | 71.0 | :- | 69 | 68 | 99 | ~ (| 7 4 | 40 | | LION | 14 | 1 | 69 | 10 | 0 0 | 62 | 9 9 | .61 .55 0 | | HOI | | | 989 | 200 |
| TITUD | | ADIAT | m | | 700 | 78 0 | 76 0 | 75 0 | 720 | 9 0 9 0 9 0 | 56 0 | | ADIAT | m | 1 | 77 0 0 0 0 | 7.0 | 0 6. 0 6. | 9 9 9 4 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 | 74 0 | 69 62 0 | 0 | ADIAT | m | 67 0 72 0 72 0 | 7200 | 63 0 |
| LA | : 0.2 | LAR R | 2 1 | - | , c | 0 | 9 | 7 | ر 0 د | 9 C | 58 0. | : 0.2 | LARR | 2 | 1 | 80 K | ر م | 82.0 | 100 | 77 0 | 72 0 65 0 | : 0.2 | LAR R | 2 1 | 000c | , nn | \$ T \$ |
| X | 'ITY | . SOL | _ | 0 | | 0 | 0 | 0 | <u>.</u> | - | | /ITY | 80 | 7 | ! | 0 0 | | 6 | - | 0 | <u>.</u> | /ITY | 80 | 7 | 9999 | 66 | 999 |
| | ECTIV | DURLY | 11 | 1 | | ~ | ۲. | <u></u> | ٠,١ | • | 0.56 | ECTIV | HOURLY | 11 | i | | . ~ | ٠,۲ | , , | | 0.69 | ECTIV | OURLY | 11 | 0.70 | | . 9.9 |
| | REFL | I | 10 | 1 | • | 9 | 9 | 9. | 9 | ب ف | 9.4 | REFL | I | 10 | ! | 9,1 | | | ے ہ | 9. | 0.61 | REFL | x | 10 | 0.52 | . 4. 4. | نمن |
| RIO | | | • | 1 4 | J. R. | . 10 | 'n | Š | r. | * ' | 0.38 | | | • | - | من م | jvi | i) ii | j r | 'n | 0.48 | | | 6 | 000 4400 4000 | نتنن | 444 |
| DEL | | | •• | 5 | . 4 | * | ٣. | '? | M. P | ٠, د | 0.24 | | | •0 | 1 | ٠. ۳ | . m | ij | 'n | · M | 0.33 | | | 40 | 00.00 | יייייי | ini si |
| OCATION | 11.25 | | ^ | 10 | iu | . ~ | 'n | 7 | | - | 0.09 | 10.49 | | ^ | ! | ٠i٠ | . – . | <u>-</u> | 7. | : ~: | 0.14 | 9.20 | | 7 | 00.13 | : -: -: | 7.7.7 |
| LOCA | H0: | I | • | • | | . 05 | . 05 | . 04 | 50, | * \ | 0.03 | H0: | æ | | ! | 0,0 | ? 0. | 0.0 | | 0 | 0.02 | : 9 | ~ | 9 | | | 0.00 |
| | HORIZ. | Snuti | Ŋ | | ? = | | 0 | 0. | 0, 0 | - | | HORIZ. | SOUTH | 2 | 1 | 0, 0 | . 0. | 0.0 | - | . - | | HORIZ. | SOUTH | 'n | | , 0, 0, | 000 |
| | × | | | |) c | | | 0 | 0 | - | • | Ŧ | | J | ! | 00 | 9 0 | 0 | > C | | 00 | 2 | | | 0000 0000 | _ | |
| | ^ | ATION | | 1 | • | | • | ٠ | • | • | | •0 | ATION | | ı | • | | • | | • • | <u></u> | 6 | ATION | - | 0000 | | |
| | MONTH: | ORIENT | ; | |) c | 0 | 5.0 | 0.0 | 0.0 | 5 6 | 60.00 | MONTH: | ORIENTAT | i | _ | 0.0 | 0.0 | 5.0 |) | 0.0 | 50.00 60.00 | MONTH: | ORIENT | i | -0000 | 000 | |

| | 0.179 | DAILY TOTAL | RADIATION | && NNNNNNN UV-0-1 UV-0 | 0.183 | DAILY TOTAL | RADIATION | wwaaaaaa wwww.aaa. www.aaa. www.baaaa | 0.187 | DAILY TOTAL | AT | 0mmmm4444 8m48855400 4084885400 |
|----------|--------|-------------|-----------|---|--------|-------------|-----------|--|--------|-------------|------------|---|
| | Š | | 20 | 00000000 | Ö | | | 00000000 | KD: | | 21 | |
| TES | | | 19 | 00000000 | | | 19 | 00000000 | | | | 000000000 |
| MINUT | 199 | | 18 | 00000000 | 33 | | 18 | 000000000 | 209 | | – 1 | 00000000 |
| 25 | 0.5 | | 17 | 0000000 000000 0000000 | 0.5 | | 17 | | ē.5 | | 17 | |
| GREES | •• | | 16 | 00000000000000000000000000000000000000 | •• | | 16 | 000000 000000 000000 000000 000000 | •• | | 16 | 000000000000000000000000000000000000000 |
| 29 DE | Z | | 15 | 00000000 44444000 04780000 | A | | 15 | 000000 000000 0004444 00000 100000 100000 10000 10000 10000 10000 10000 10000 10000 10000 100000 10 | K | | 15 | 00000000000000000000000000000000000000 |
| 3QN. | | ATION | 14 | 00000000 0000000 00000000 000000000 | | ATION | 14 | | | ATION | 14 | 0000000 w444 v644 v644 v644 v644 v644 v644 v644 |
| LATITUD | 1.20 | RADIATI | 13 | 0.722 | 1.20 | RADI | 13 | 00000000000000000000000000000000000000 | 1.20 | RADI | 13 | 4.000000 4.0000000000000000000000000000 |
| × | [TY: 0 | SOLAR | = | 00000000000000000000000000000000000000 | ITY: 0 | SOLAR | _ | 0.53 0.65 0.65 0.70 0.71 0.71 | ITY: 0 | SOLAR | 12 | 0000000 40000000 400000000000000000000 |
| | ECTIVI | HOURLY | 11 | 0.000 0.73 0.73 0.73 0.73 0.73 | ECTIVI | HOURLY | 11 | 00000000000000000000000000000000000000 | ECTIV] | OURLY | 11 | 46.00000 46.00000 46.000000 46.000000 |
| | REFL | Ĭ | | | REFLI | Ĭ | 10 | | REFLI | Ξ | 10 | 00000000 8444 8444 8444 8444 8444 8444 |
| L RIO | | | • | 000000000 4444400004 | | | • | 0000000 www | | | 6 | 00000000000000000000000000000000000000 |
| DEL | | | •0 | 00000000000000000000000000000000000000 | | | •0 | 0.22 0.22 0.23 0.25 0.25 0.25 7.7 | | | 80 | 00.12 |
| LOCATION | 7.64 | | ^ | 00000000 00000000000000000000000000000 | 6.19 | | 7 | 0000000 | 5.62 | | 7 | |
| 7007 | . HO: | Ŧ | 9 | | . H0: | Ŧ | • | | . HO: | 1 H | - 1 | 00000000 |
| | HORIZ | SOUT | 'n | | HORIZ | SOUTI | ĸ | 000000000 | HORIZ | SOUTI | 2 | 00000000 |
| | 10 | 110N: | | | 11 | ATION: | | 00000000 | 12 | TION: | • | |
| | MONTH: | OPIENTATION | ; | 71[- 10.0 10.0 225.00 335.00 455.00 60.00 | MONTH: | ORIENTA | ; | 10122224426 1002226466 1002666666666666666666666666666666666 | MONTH: | ORIENTATION | ب | 220.00 220.00 220.00 235.00 60.00 60.00 |

| | 0.172 | DAILY TOTAL | RADIATION | 3.54 | 4.15 | 4.66 | 4.87 | 5.03 | 5.20 | 5.32 | 5.45 | 5.44 |
|------------------------|--------------------|------------------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|----------|
| | KD: | | 20 | 0.0 | 0.0 | 0.0 | 0.0 | • | 0.0 | - | • | • |
| TES | | | 19 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | • | 0. | 0.0 | 0. |
| 48 MINUTES | 809.0 | | 18 | 0.0 | 0.0 | 0.0 | 0. | | 0.0 | 0.0 | 0.0 | 0. |
| | | | 17 | 0.01 | 0.01 | 0.03 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| GREES | .•• | | 16 | 0.15 | 0.19 | 0.23 | 92.0 | 9.70 | 0.27 | 0.28 | 0.30 | 0.31 |
| 31 DE | KT | | 15 | 0.32 | 0.38 | 9.0 | 95.0 | 9.48 | 0.50 | 0.51 | 0.53 | 0.53 |
| UDE | | ATION | 14 | 95.0 | 0.53 | 0.60 | 9.62 | 9.64 | 99.0 | 0.68 | 69.0 | 0.69 |
| LATIT | .20 | RADI | 13 | | 0.63 | | | | | | | |
| TX LATITUDE 31 DEGREES | REFLECTIVITY: 0.20 | HOURLY SOLAR RADIATION | 10 11 12 13 14 15 16 17 18 | 0.57 | 99.0 | 0.73 | 97.0 | 0.78 | 0.80 | 0.81 | 0.82 | 0.81 |
| | CTIVI | URLY | 11 | 0.54 | 0.63 | 0.70 | 0.72 | 0.75 | 9.70 | 0.78 | 0.79 | 0.78 |
| | REFLE | £ | 10 | 0.46 | 0.53 | 0.60 | 29.0 | 9.64 | 99.0 | 89.0 | 0.69 | 69.0 |
| PASO | | | • | 0.32 | 0.38 | 9.40 | 94.0 | 0.48 | 0.50 | 0.51 | 0.53 | 0.53 |
| EL | | | • | | 0.19 | | | | | | | |
| LOCATION | 5.83 | | ~ | 0.01 | 0.0 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| LOCA | 9 | = | • | 0.0 | 0. | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | HORIZ. HO: | SOUTH | 'n | 0.0 | 0 | 0.0 | 0.0 | 0.0 | 0. | 0. | 0.0 | . |
| | ~ | FION: | * | 0 | 0. | 0 | 0 | 0.0 | 0 | 0 | 0.0 | 0.0 |
| | MONTH: | ORIENTATION: | | 0.0 | 10.00 | 20.00 | 25.00 | 30.00 | 35.00 | 40.00 | 50.00 | 60.00 |

| MONTH: | ~ | HORIZ. HO: 7.42 | ÷ | 7.42 | | | REFLE | CTIV | REFLECTIVITY: 0.20 | 0.20 | | 7 | KT: | • | 0.629 | | ë | 0.167 |
|----------------|-------|-----------------|----|------|------|------|-------|----------------------------------|--------------------|------------------------|-------|--|------|------|-------|----|----------|----------------------------|
| ORIENTATION: | TION: | SOUTH | = | | | | ¥ | URLY | SOLA | HOURLY SOLAR RADIATION | ATION | - | | | | | | DAILY TOTAL |
| ; | • | S | | 7 | ** | • | 10 11 | 11 | 12 | 13 | 12 | 15 | 16 | 17 | 18 | 19 | 20 | RADIATION |
| 70.00 70.00 | 00 | 00 | 90 | | 0.25 | 0.43 | 0.58 | 0.67 | 0.70 | 0.67 | 0.58 | 4.0 | 0.25 | 9.00 | | 00 | | 4.67 5.22 |
| 25.00 | 00 | 6.0 | 00 | 0.0 | 32 | 0.53 | 0.69 | 0.79 | 0 0 0 0 0 0 | 0.79 | 0.69 | . S. S. S. S. S. S. S. S. S. S. S. S. S. | 0.32 | 80.0 | 00 | 00 | • • | 8. 6. 8. 8. |
| 30.00 | 00 | 00 | 00 | | 9.00 | 0.56 | 0.72 | 8.8 | 9.86 | 0.83 | 0.72 | 0.56 | 6.34 | 0.00 | | 00 | • • | 8.99 .00. |
| 50.00 | 00 | | 00 | • • | 35. | 0.57 | 0.74 | 00 80 80 80 80 80 | 0.88 | 0.84 | 0.74 | 0.57 | 0.35 | 0.10 | | 00 | 60 | 6.07 6.06 |
| 00.09 | 0 | 0 | 0 | 6.10 | .35 | 0.56 | 0.71 | 0.83 | 48.0 | 0.81 | 0.71 | 0.56 | 0.35 | 0.10 | | • | • | 5.90 |
| MCNTH: | m | HORIZ. HO: | ÷ | 9.04 | | | REFLE | CTIVI | REFLECTIVITY: 0.20 | 0.20 | | ₩ | KT: | • | 999.0 | | 6 | 6.157 |
| ORIENTATION: | TION: | SOUTH | × | | | | 2 | URLY | SOLA | HOURLY SOLAR RADIATION | IATEO | ~ | | | | | | DAILY TOTAL |

| 6.157 | DAILY TOTAL | RADIATION | 6.02 | 6.43 | 6.69 | 6.76 | 6.79 | 6.77 | 6.72 | 6.48 | 6.09 |
|--------------------|------------------------|----------------|-----------|-------|-------|-------|-------|-------|-------|-------|----------------|
| 2 | | 20 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | 0. |
| | | 19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 99 | | 18 | 0.0 | 0.00 | 00.0 | 0.00 | 0.00 | 0.00 | 00.0 | 0.00 | 0.00 |
| 9.666 | | 15 16 17 18 19 | 0.15 | 0.16 | 0.16 | 0.17 | 0.17 | 0.16 | 0.16 | 0.16 | 0.15 |
| <u></u> | | 16 | 0.56 0.37 | 0.39 | 0.41 | 0.41 | 0.41 | 6.41 | 0.41 | 0.39 | 0.37 |
| KT: | | | 0.56 | 09.0 | 0.62 | 0.63 | 0.63 | 9.63 | 0.62 | 0.60 | 0.57 |
| | ATION | 13 14 | 0.71 | 0.76 | 9.79 | 0.30 | 0.80 | 0.80 | 0.79 | 0.77 | 0.72 |
| 2 | RADI | | 08.0 | 0.86 | 0.90 | 0.91 | 0.91 | 0.91 | 06.0 | 0.87 | 0.82 |
| TY: 0 | SOLAR | 12 | 0.84 | 06.0 | 0.93 | 96.0 | 0.95 | 0.95 | 96.0 | 0.91 | 0.85 |
| REFLECTIVITY: 0.20 | HOURLY SOLAR RADIATION | 10 11 12 | .80 | .86 | . 90 | 1.91 | . 91 | . 91 | . 90 | 1.87 | .82 |
| REFLE | 呈 | 10 | 0.71 | C. 76 | 0.79 | 0.80 | 0.30 | 0.80 | 0.79 | 0.77 | 7 0.57 0.72 0 |
| | | • | 0.56 | 0.60 | 0.62 | 0.63 | 0.63 | 0.63 | 0.62 | 0.60 | 0.57 |
| | | •0 | 3 | 0.39 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.39 | 0.37 |
| 9.04 | | ~ | 0.15 | 91.0 | 0.16 | 0.17 | 0.17 | 0.16 | 0.16 | 0.16 | 0.15 |
| 9 | x | | 0.00 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | J. 0 | 0.00 | 0.00 | 0.00 0.15 0.37 |
| HORIZ. HO: | SOUTH | 2 | • | | | | | | | 0.0 | |
| | :NOI | * | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0. | 0.0 |
| MCNTH: 3 | ORIENTATION: | • | 0.0 | 10.00 | 20.00 | 25.00 | 30.00 | 35,00 | 40.00 | 50.00 | 00.09 |

| | 0.144 | .ILY TOTA | ADIATION | 7777775 4993477988 888887749 | 0.137 | ILY TOTA | ADIATION | 88.26 77.77 77.91 86.38 86.15 86.15 | 0.134 | ILY TOTA | ADIATION | 88.77.7.38. 4.1.7.7.93. 6.1.7.7.93. 8.9.7.7.93. |
|---------|--------|-----------|----------|--|--------|----------|----------|---|--------|------------|----------|--|
| | ë | Ya | ~ | | KD: | M | ~ | 00000000 | KD: | DA | ex . | |
| | _ | | N | 00000000 | | | | 00000000 | | | | 00000000 |
| ES | | | 19 | 20000000 | | | | | | | 19 | |
| MINUTE | 10 | | 18 | 44mmnnnn | 25 | | 18 | 00000000000000000000000000000000000000 | 31 | | 18 | |
| 40 | 0.7 | | 17 | 20000000 | 0.7 | | 17 | 00000000000000000000000000000000000000 | 0.7 | | 17 | |
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| UDE | | ATION | 14 | | | ATION | - | 80.0000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.0000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.0000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.0000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.0000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.0000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.0000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.0000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.0000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.0000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.0000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.0000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.0000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.0000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.0000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.0000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.0000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.0000 80.0000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 8000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 | | ATION | 14 | |
| LATIT | .20 | RADI | _ | \$0000000 \$100000000 | .20 | RADI | 13 | \$0000000 \$100000000 \$1000000000 | .20 | RADI | 13 | |
| × | ITY: 0 | SOLAR | 12 | 1 7 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | TY: 0 | SOLAR | 12 | 00000000000000000000000000000000000000 | TY: 0 | SOLAR | 12 | ፍ 迈罗复伊仑迈罗罗 |
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| | HORIZ. | SOUTI | | | HORIZ. | SOUTI | | 0000000 | HORIZ. | SOUTH | 8 | |
| | • | TION: | • | | n | TION: | | 880000000 | • | ION: | | ********** |
| | MONTH: | ORIENTAL | | 71[- 20.00 20.00 20.00 20.00 20.00 20.00 | HONTH: | ORIENTA | ; | 60000000000000000000000000000000000000 | MONTH: | ORIENTATIO | | 110.00 220.00 25.00 35.00 56.00 |

| | 0.153 | AILY TOTAL | RADIATION | 7.7.7.7.99 7.9.7.7.99 8.8.7.7.9.99 8.8.7.8.9.7.99 8.8.7.8.9.7.9.99 | 0.151 | AILY TOTAL | RADIATION | 5.50 5.50 5.50 5.50 5.50 5.50 5.50 5.50 | 0.150 | AILY TOTAL | RADIATION | 66 6 6 6 6 6 6 6 - |
|----------|--------|------------|-----------|--|---------|------------|-----------|--|---------|------------|-----------|--|
| | Ä Ü | à | • | | χ Θ | DA | 20 | 600000000 , | KD: | à | ~ | 00000000 |
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| 48 T | 89.0 | | ~ | 000000000 | 0.69 | | 7 | 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 0.69 | | 13 | |
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| | HORI | ψn | | 0000000 | HORIZ | v | | 00000000 | HORIZ | Ñ | | 00000000 |
| | ^ | T I ON : | | | •• | TION: | • | 000000000 | • | TION: | | 00000000 |
| | MONTH: | ORIENTAT | | 20.00 20.00 30.00 30.00 50.00 | MONTH: | ORIENTA | ; | 220.00 220.00 220.00 220.00 220.00 | MONTH: | ORIENTAT | i | 220 220 220 230 230 26 26 26 26 26 26 26 26 26 26 26 26 26 |

| | 9.146 | DAILY TOTAL | RADIATION | NS 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 0.155 | DAILY TOTAL | RADIATION | 84888889999 84888888 848888 848888 84888 |
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| MINUTES | 1.707 | | | 000000000 | .677 | | 18 | 600000000 |
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| LATITUDE | .20 | RADIATION | 13 | 1 | 20 | RADIATION | 13 | 27.7.88.88.86.9 20.0000000000000000000000000000000000 |
| Ϋ́ | | SOLAR | 12 | 1 | ۲: 0 . | | 12 | |
| _ | TIVII | HOURLY S | 11 | 1 | TIVIT | HOURLY SOLAR | 11 | |
| | REFLECTIVITY: | HOH | | 00000000000000000000000000000000000000 | REFLECTIVITY: | H0. | | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
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| | MONTH: | ORIENTATION | - | 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | MONTH: | ORIENTATION | : | 22000000000000000000000000000000000000 |

| 0.168 | DAILY TOTAL | RADIATION | 3.25 | 3.92 | 4.49 | 4.74 | 95.4 | 5.14 | 5.29 | 5.48 | 5.54 |
|--------------------|------------------------|-------------|------|-------|-------|----------|-------|------------|-------|---------|-------|
| | DAII | RAI | | | | | | | | | |
| KD: | | 20 | 0.0 | • | 0.0 | 9.0 | 0.0 | ٥. | 0.0 | 0.0 | ٠. |
| | | 19 | 0. | 0.0 | 0.0 | 0.0 | 0.0 | • | 0.0 | 0.0 | 0.0 |
| 3.625 | | 18 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | o , | 0.0 | o. 0 | 0.0 |
| | | 11 | 0.0 | 0.0 | 0.0 | 9.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| •• | | 15 16 17 18 | 0.12 | 0.16 | 0.20 | 0.23 | 0.23 | 0.24 | 0.25 | 0.27 | 0.29 |
| KT: | _ | | 0.29 | 0.36 | 0.42 | 95.0 | 0.47 | 0.49 | 0.50 | 0.53 | 0.54 |
| | ATION | 13 14 | 0.43 | 0.51 | 0.58 | 0.61 | 99.0 | 99.0 | 0.68 | 0.70 | 0.71 |
| .20 | RADI | | 0.52 | 0.61 | 69.0 | 0.72 | 0.75 | 0.77 | 0.79 | 0.81 | 0.81 |
| 1Y: 0 | SOLAR | 12 | 0.55 | 99.0 | 0.72 | 9.76 | 0.78 | 0.81 | 0.83 | 0.85 | 0.85 |
| REFLECTIVITY: 0.20 | HOURLY SOLAR RADIATION | _ | 0.52 | 0.61 | 69.0 | 0.72 | 0.75 | 0.77 | 0.79 | 0.81 | 0.81 |
| REFLE | Đ. | 10 | 0.43 | 0.51 | 50.0 | 0.61 | 99.0 | 99.0 | 68 | 0.70 | 0.71 |
| | | • | 0.29 | 0.36 | 0.42 | 44.0 | 0.47 | 65.0 | 0.50 | 0.53 | 0.54 |
| _ | | •• | ĺ٧ | 9 | c | _ | m | J | 'n | - | 0.29 |
| 5.20 | | 7 | 0.0 | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 6.0 |
| H0 | * | ٠ | 0.0 | 0 | 0 | 0 | 0. | 0 | 0 | 6 | 0.0 |
| HORIZ. HO: 5.20 | SOUTH | | : | | | | | | | | 0.0 |
| | : NOI | J | 6.0 | 0 | 0 | <u>د</u> | 0 | 0 | 0 | 0 | 0.0 |
| MONTH: 12 | ORIENTATION: | | 0.0 | 10.00 | 20.00 | 25.00 | 30.03 | 35.00 | 40.00 | 50.00 | 60.00 |

| | 0.185 | DAILY TOTAL | RADIATION | 2022242242 2022442244 202244244 | 0.186 | DAILY TOTAL | RADIATION | 88.1744 7.00.0444 7.00.04 1.120 1.00.04 | 0.188 | DAILY TOTAL | RADIATION | 44444444 40000000000000000000000000000 |
|----------|--------|-------------|-----------|--|----------------|-------------|-----------|---|--------|-------------|-----------|--|
| | χ Θ | | 2 | 00000000 | ΚĐ | | 20 | 00000000 | ΚĎ | | 2 | |
| TES | | | _ | 00000000 | | | | 00000000 | | | _ | 000000000 |
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| 50 | 9.0 | | | 00000000 | 3.0 | | 17 | 00.00 00.00 00.00 00.00 00.00 00.00 | 4.0 | | 17 | 000000 |
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| 32 DE | X | | 15 | 00000000000000000000000000000000000000 | K | | 15 | | X | | 15 | |
| TUDE | | ATION | | D | | ATION | 14 | | | ATION | 14 | |
| LATIT | .20 | RADI | 13 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | .20 | RADI | 13 | | .20 | RADI | 13 | |
| × | TY: 0 | SOLAR | | 1 4 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | TY: 0 | SOLAR | _ | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | TY: 0 | SOLAR | | 0.63 0.63 0.63 0.63 0.63 0.65 |
| | CTIVI | OURLY | 11 | 1 00000000 1 0440000000 1 0480400000 | CTIVI | OURLY | 11 | | CTIVI | RL Y | 11 | |
| TH. | REFLE | H0 | 10 | 00000000000000000000000000000000000000 | REFLE | H | 3 0 | 444400004 400001400 | REFLE | ноп | 10 | 00000 00000 00000 00000 00000 00000 |
| T WORTH | | | 6 | 00000000000000000000000000000000000000 | | | 6 | 1 000000000000000000000000000000000000 | | | 6 | l udunununu l |
| FOR | | | ಋ | 00.00 00 | | | | 00000000 1100000000 10000000000000 | | | | 00.30 |
| LOCATION | 5.66 | | ^ | | 7.27 | | 7 | 50000 | 8.94 | | 7 | 000000000000000000000000000000000000000 |
| LOCA | HO : | r | _ | | H0: | x | | 000000000 00000000 | H0: | I | 9 | |
| | HORIZ. | SOUT | | | HORIZ. | SOUTH | 'n | | HORIZ. | SOUT | ī | |
| | - | :NOI. | | 00000000 | ~ | :NOI | 4 | | m | : NOI | J | |
| | MONTH: | ORIENTAT | ; | 1111 10.00 10.00 25.00 35.00 55.00 50.00 | MONTH: | ORIENTAT | ; | 10.00 20.00 25.00 35.00 50.00 60.00 | MONTH: | ORIENTAT | į | 220.00 220.00 330.00 450.00 50.00 |

| | 0.187 | DAILY TOTA | RADIATION | 5.20 | 70 | 0, 00 | ni e | 0.184 | DAILY TOTA | RADIATION | 6.6 | ., | , rU n | | 90 | • | 9/T.B | DAILY TOTA | RADIATION | 300000044 |
|----------|--------|------------|-----------|-------|---------|-------|-------|--------|------------|------------|-------|------|--------|---------|---------------|---|------------|------------|-----------|---|
| | KD: | | 20 | 000 | | • • | • • | ж С | | 20 | | • | 900 | • • | • • | 3 | X C | | | 000000000 |
| ES | | | 19 | 900 | | | | | | 19 | | • | 900 | • • | • • | | | | 19 | 00000000 |
| MINUTES | 88 | | 18 | 9000 | 00 | 0.0 | 0.0 | 27 | | 18 | 00 | - | 90.0 | 900 | | • | κ V | | 18 | 000000000000000000000000000000000000000 |
| 20 | 9.0 | | 17 | 00.00 | | | | 0.0 | | 17 | NN | 100 | | 7.77 | . | | d. 5 | | 17 | 000000000000000000000000000000000000000 |
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| 32 DE | K | | 15 | | 44 | 4.4 | 4 W. | ¥ | | 15 | 10,10 | N. | 705.0 | * 4* 4 | * W. | | ¥ | | 15 | 00000000 60000000000000000000000000000 |
| TUDE | | ATION | | 75.00 | i ni ni | N, N | Ω. 4. | | ATION | 14 | 9.9 | 9. | 29.0 | ם יהי ה | . 4. | | | ATION | 14 | 00.72 |
| LATIT | .20 | RADI | 13 | | . 4. 6 | 9.9 | יה יה | .20 | RADI | 13 | | ~ | 9.67 | 9 | ة بن | (| .20 | RADI | 13 | 00.78 00.76 00.76 00.76 00.77 00.77 |
| × | TY: 0 | SOLAR | 12 | | . 40 | 9.9 | æ.r. | TY: 0 | SOLAR | 12 | ~ | ~! | 27.0 | . 9. | ė vi | i | 17: U | SOLAR | 12 | |
| | ECTIVI | HOURLY | 11 | 0.63 | . 4. 4 | 9.9 | ຕິຕິ | ECTIVI | OURLY | 11 | | 7 | 0.69 | 9.9.4 | ة بن | i | CLIVI | OURLY | 11 | |
| TH | REFLE | H | 10 | 72.0 | نتنن | יה יה | 4.4 | REFLE | ¥ | 0 | 9.9 | 9. | 29.0 | ه زيم ه | Ú. 4. | i | REFLE | £ | 10 | |
| T WORTH | | | • | 0.47 | 22 | 4.4 | 4.10 | | | • | | نين | .00 | ** | ż.W. | | | | | 00000000000000000000000000000000000000 |
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| LOCATION | 10.45 | • | 7 | 0.18 | • • • | 7.7 | 77 | 11.3 | | 7 | | 101 | 0.1.0 | | 7.7. | | 11.6(| | | 00.224 |
| 1007 | . HO: | Ξ | ₹0 | 9000 | | 0.0 | 00 | 무 | E | | | . 0. | | | 9.0 | 1 | HO | £ | | 0.0000000000000000000000000000000000000 |
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| | 0.173 | LY TOTAL | DIATION | 00000000 0000000 00000000 000000000 | 0.173 | LY TOTAL | DIATION | 000000000 044500000 000400000 | 0.177 | LY TOTAL | DIATION | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ |
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| | | DAII | RA | | | DAII | RA | | | DAI | ₩. | |
| | KD: | | 0 | 00000000 | KD: | | 20 | 00000000 | KD: | | 2 | 000000000 |
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| ¥ | ITY: | SOL | _ | 00000000 | ITY: | SOL | 12 | | ITY: | 30 L | | 000000000 7.7.7.887.7.7 |
| | CIIV | OURLY | 11 | | CTIV | HOURLY | 11 | V 00 00 00 00 L L 0 | CTIV | OURLY | 11 | 0 . 76 0 . 76 0 . 76 0 . 76 0 . 76 0 . 76 |
| I | EFLE | H | 0 | . 55 . 55 . 55 . 55 . 55 . 55 . 55 | EFLE | 유 | | 569123320 | EFLE | 9 | 0 | 6666666 |
| WORT | O.c | | | 6 | Ωĸ | | | | ~ | | | 45500000004 1450000000 14500000000 |
| RT | | | | 00000000 | | | | 0000000 | | | | 00000000 |
| FO | | | ∞ | 00000000000000000000000000000000000000 | | | ∞ | 0.41 0.41 0.33 0.33 0.33 0.33 | | | €0 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| TION | 11.29 | | 7 | 00.000.22 | 10.37 | | 7 | 0.21 0.22 0.19 0.19 0.13 0.13 | 8.89 | | 7 | |
| 0CA] | HO: 1 | | 9 | 00000000 00000000 0000004444 | 0: 1 | | 9 | 600000000 64888000000 | 0 | | 9 | |
| | Z. F | ОИТН | | 00000000 | Z. H | OUTH | | 0000000 | Z. H | OUTH | | 00000000 |
| | HORI | SDI | | | HORI | 20 | | | HORI | SOL | | 000000000 |
| | 7 | TION: | | 00000000 | •0 | TION: | | 00000000 | 6 | TION: | | 00000000 |
| | MONTH: | ORIENTA | ; | 11.1 0.0 220.00 330.00 45.00 60.00 | MONTH: | ORIENTA | ; | 10.00 220.00 30.00 50.00 67.00 | MONTH: | ORIENTA' | ; | 11.1 0.0 0.0 22.0 30.00 35.00 50.00 |

| | 0.178 | DAILY TOTAL | RADIATION | 444NNNNNN • • • • • • • • • • • • • • • • • • • | 0.184 | DAILY TOTAL | RADIATION | UMW44444 6480-4564 WWW046848 | 0.187 | DAILY TOTAL | RADIATION | 44 44 44 44 44 44 44 44 44 44 44 44 44 |
|---------|--------|-------------|------------|--|--------|-------------|------------|---|----------|-------------|-----------|--|
| | KD: | | 20 | | Š | | 20 | 00000000 | KD: | | 2 | 00000000 |
| TES | | | | 000000000 | | | 19 | 00000000 | | | 19 | 00000000 |
| MINUT | 569 | | | 00000000 | 526 | | | 00000000 | 481 | | - I | 000000000 |
| s 50 | | | ~ (| 000000000000000000000000000000000000000 | | | - | 00000000 | | | - | 00000000 |
| EGREE | :- | | 91 | 00000000 | Ë | | 16 | 00000000000000000000000000000000000000 | <u>:</u> | | 16 | 0.100 |
| 32 D | × | z | | 0000000 000000 000000 000000 | × | z | | 00000000000000000000000000000000000000 | ¥ | z | 15 | 00000000000000000000000000000000000000 |
| ITUDE | | IATION | 14 | 00000000 0000000 000000000000000000000 | | IATION | - | 00000000000000000000000000000000000000 | | IATIO | 14 | 00000000 00000000 000000000000000000 |
| LATI | 0.20 | R PAD | 13 | | 0.20 | R RAD | _ | 40000000 | 0.20 | R RAD | | 24400000000000000000000000000000000000 |
| ¥ | ITY: | SOLA | _ | 00.74 | ITY: | SOLA | - 4 | 20000000000000000000000000000000000000 | ITY: | SOLA | 12 | 44mmmmm |
| | ECTIV | OURLY | 11 | | ECTIV | OURLY | 11 | | ECTIV | OURLY | | |
| RTH | REFL | I | 10 | 00000000 | REFL | I | 0 | 00000000000000000000000000000000000000 | REFL | Ξ | 10 | 000000000000000000000000000000000000000 |
| RT WO | | | • | 00000000 | | | • | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | 6 | 0.328 |
| FO | 7 | | •0 | 0.0000000000000000000000000000000000000 | 8 | | •0 | 0.22 0.22 0.22 0.22 0.22 0.22 | 2 | | •0 | 000000000000000000000000000000000000000 |
| OCATION | 7.1 | | | | 5.6 | | | 10000000 | 5.0 | | | 000000000 |
| 100 | . HO: | Ŧ | | 000000000 | . HO: | OUTH | | 00000000 | : HO: | ITH | | 00000000 |
| | HORIZ | กอร | | 000000000 | HORIZ | son | | 000000000 | HORIZ | 200 | | 000000000 |
| | 10 | ATION: | | | 11 | ATION: | | | 12 | ATION: | | 00000000 |
| | MONTH: | ORIENT! | i | 7 T T T T T T T T T T T T T T T T T T T | MONTH: | ORIENTA | į | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | MONTH: | ORIENTA | ; | 10.00 20.00 30.00 50.00 50.00 |

editional managements to be an idea of some contract sometimes (described to some a more described described de

| | 0.183 | DAILY TOTAL | RADIATION | 22222222222222222222222222222222222222 | 0.184 | DAILY TOTAL | RADIATION | นนนนนนนนนน <u> </u> | 0.185 | DAILY TOTAL | RADIATION | 4444444 0 Junununu 8 V V P 8 8 8 8 9 1 4 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 |
|----------|--------|-------------|---------------|--|--------|-------------|-----------|--|--------|-------------|-----------|--|
| | KD: | | 20 | | KÖ: | | 20 | 00000000 | Ä | | | 00000000 |
| res | | | 19 | | | | _ | 00000000 | | | | 00000000 |
| MINUT | 165 | | | 00000000 | 525 | | P | 00000000 | 551 | | ∞ : | |
| 59 | 0.3 | | 17 | | 9.0 | | | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | 9.0 | | | |
| GREES | •• | | 16 | 00000000 | •• | | 16 | 00000000 00000000000000000000000000000 | •• | | 16 | |
| 29 DE | X | | 15 | 1 000000000 1 0000000000000000000000000 | KT | | 15 | 00000000000000000000000000000000000000 | KT | | 15 | 00000000000000000000000000000000000000 |
| TUDE | | ATION | 14 | WWWWW4444 WWV886040 | | ATION | 14 | 00.00 | | ATION | 14 | 00000000000000000000000000000000000000 |
| LATIT | .20 | RADI | $\overline{}$ | 00000000000000000000000000000000000000 | .20 | RADI | _ | 00000000000000000000000000000000000000 | .20 | RADI | 13 | |
| × | 1Y: 0 | SOLAR | 12 | 000000 | TY: 0 | SOLAR | - | 00000000 44444444444444444444444444444 | TY: 0 | SOLAR | 12 | 00000000000000000000000000000000000000 |
| | CTIVI | OURLY | 11 | 0000000 W4444444 A0W4W3AA | CTIVI | OURLY | 11 | 00000000 44200000000 84400000000 | CTIVI | OURLY | 11 | 00000000000000000000000000000000000000 |
| | REFLE | H | 10 | 00000000000000000000000000000000000000 | REFLE | H | | 00000000000000000000000000000000000000 | REFLE | H | 10 | 00000000000000000000000000000000000000 |
| ISTON | | | 6 | 000000000000000000000000000000000000000 | | | | | | | | 00000000000000000000000000000000000000 |
| HOUS | | | •0 | 00.115 00.115 00.115 00.115 00.115 | | | •0 | 80000000000000000000000000000000000000 | | | •0 | 00.000 |
| LOCATION | 6.13 | | 7 | 000000000000000000000000000000000000000 | 7.67 | | 7 | 1 20 20 20 20 20 10 20 20 10 20 20 10 20 20 20 20 20 20 20 20 20 20 20 20 20 | 9.21 | | 7 | 100000000000000000000000000000000000000 |
| 10C/ | . HO: | Ξ | 9 | 000000000 | HO: | Ξ | 9 | 00000000 | . HO: | Ξ | 9 | 00000000 |
| | HORIZ | SOUT | S | 000000000 | HORIZ | SOUT | 5 | 00000000 | HORIZ | SOUTH | | 000000000 |
| | - | :NOI | | 00000000 | ~ | TION: | | 00000000 | m | : NOI | | |
| | MONTH: | ORIENTAT | į | 7117 10.00 220.00 30.00 40.00 60.00 | MONTH: | ORIENTAT | | 110 2000 2000 32000 4000 6000 6000 | MONTH: | ORIENTAT | | 110 100 220 250 350 550 600 600 600 |

| | 0.186 | DAILY TOTA | RADIATION | 4444444 888 808 80 80 80 80 80 80 80 80 80 80 8 | 0.188 | DAILY TOTA | RADIATION | ณพพพพ ๑๕๖๘ ๑๔๖ ๑๔๖ ๑๔๖ ๑๔๖ ๑๔๖ ๑๔๖ ๑๔๖ ๑๔๖ ๑๔๖ ๑๔๖ | 0.185 | DAILY TOTA | RADIATION | សល្យស្នេស្ត្រ សូសូភុស្ត្រ សូសូភូសុស្ត្រ សូស្ត្រសូសូសូក្ត |
|--------|---------|------------|-----------|--|------------|------------|-----------|---|----------|------------|-----------|---|
| | KD: | | 2 | 00000000 | KD: | | | 00000000 | KD: | | 20 | |
| ES | | | | 00000000 | | | 19 | 00000000 | | | 19 | 00000000 |
| MINUT | 455 | | ~ | 00000000000000000000000000000000000000 | 965 | | 18 | | 520 | | 18 | |
| 5 59 | 0.0 | | 17 | 00000 00000 00000 00000 00000 | 0 | | 17 | 000000000000000000000000000000000000000 | 6 | | 17 | |
| EGREES | <u></u> | | 9 | 00000000 80000000000000000000000000000 | <u>:</u> | | 16 | 00000000 00000000000000000000000000000 | <u>:</u> | | 16 | 4,0,0,0,0,0,0,0 |
| 29 DE | K | ~ | 15 | 00000000000000000000000000000000000000 | Σ | - | 15 | 000000000 0044444 0008300004 | Z | _ | 15 | nnnn444mm |
| TUDE | | ATION | 14 | 00000000 0000000 000000000 00000000000 | | IATION | | 00000000000000000000000000000000000000 | | ATION | 14 | |
| LATIT | 0.20 | R RADI | 13 | 044660004 044406746 | 0.20 | R RAD | 13 | 00000000000000000000000000000000000000 | 1.20 | RADI | 13 | LL00000N4 |
| × | TY: | SOLAF | 12 | | TY: | SOLAF | | 00000000000000000000000000000000000000 | 11Y: 0 | SOLAR | 12 | 0.73 0.73 0.72 0.72 0.63 0.64 0.55 0.55 |
| | ECTIVI | OURLY | 11 | 00000000 00000000 00000000000000000000 | ECTIVI | DURLY | 11 | 00000000000000000000000000000000000000 | ECTIVI | HOURLY | 11 | |
| | REFL | Ĭ | 10 | 00000000 20000000 20000000000 200000000 | REFLI | Ŧ | 10 | | REFLI | Ħ | 10 | |
| USTON | | | 6 | 00000000 4444444 | | | 6 | | | | - 1 | 00000000 000000 0000000 00000000000000 |
| HOUS | • | | | 00000000000000000000000000000000000000 | e 0 | | | 0000000 226000000 22600000 | 8 | | _ i | 00000000000000000000000000000000000000 |
| ATION | 10.5 | | 7 | 0000000 | 11.2 | | | 00.22 | 11.5 | | 7 | ממממחחחם |
| LOC | . HO: | Ħ | 9 | 20000000000000000000000000000000000000 | . HÖ. | Ŧ | 9 | 000000000000000000000000000000000000000 | . HO: | Ŧ | 9 | 00000000000000000000000000000000000000 |
| | HORIZ | SOUT | 20 | 00000000 | HORIZ | SOUTI | ស | 000000000 | HORIZ | SOUTH | 2 | |
| | ÷ | TION: | • | | 2 | TION: | | 00000000 | • | TION: | 5 | 00000000 |
| | MONTH: | ORIENTAT | ; | 25.00 25.00 25.00 25.00 26.00 | MONTH: | ORIENTA | ī | 220.00 320.00 320.00 320.00 650.00 | MONTH: | ORIENTA | _ | 220.000 220.000 330.000 500.000 000.000 |

| | 0.186 | DAILY TOTAL | RADIATION | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 0.187 | DAILY TOTAL | RADIATION | WWWWWWA44 W4WWW00WW W00000WW | 0.187 | DAILY TOTAL | RADIATION | 4445.0444 66.00.0444 8780.00.0444 8780.00.000 |
|---------|----------|-------------|---------------|--|----------|-------------|---------------|--|---------|-------------|-----------|--|
| | χ Θ | | | 000000000 | KD: | | 20 | 00000000 | ΚĎ | | | |
| ES | | | 19 | 00000000 | | | 19 | 00000000 | | | 19 | 00000000 |
| MINUT | 112 | | 13 | | 808 | | 18 | | 209 | | 18 | |
| 5 59 | 0.5 | | 17 | | 0.5 | | 17 | | 0.5 | | 17 | 0000000 |
| EGREES | <u>:</u> | | 16 | 00000000000000000000000000000000000000 | ,. — | | 16 | | <u></u> | | 16 | |
| 29 DI | × | ~ | 15 | | <u> </u> | z | 15 | <i>কককককককল</i> | × | 7 | 15 | |
| rude | | IATION | | 00000000 0000000 00000000 0000000 | | IATIO | 14 | | | IATION | 14 | |
| LATI | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | |
| × | | SOLA | $\overline{}$ | 0.72 0.72 0.72 0.69 0.69 0.59 0.59 | ITY: | SOLA | 12 | 0.00 0.71 0.71 0.00 0.00 0.00 0.00 0.00 | ITY: | SOLA | 12 | 00000 00000 00000 00000 00000 00000 0000 |
| | ECTIVI | HOURLY | ~ | 000000000000000000000000000000000000000 | ECT IV. | HOURLY | - | nooooooo | ECTIV) | OURLY | 11 | |
| | REFLI | Ĭ | 10 | 00000000 0000000 0000000 0000000000000 | REFLI | Ĭ | \rightarrow | 00000000000000000000000000000000000000 | REFL | Ĭ | 10 | 00000000 00000000 00000000000000000000 |
| HOUSTON | | | 6 | 00000000 | | | | 000000000 44444444 999887878 | | | • | 000000000 444444444 88864444 |
| HO | • | | ∞ | 00000000000000000000000000000000000000 | 7 | | •0 | 00000000 00000000 000000000 00000000 | r. | | | 000000000000000000000000000000000000000 |
| OCATION | 11.26 | | 7 | 00.22 | 10.47 | | | 000000000000000000000000000000000000000 | 9.15 | | ~ | 000000000 |
| 7007 | . HO: | Ξ | 9 | 00000000 00000000000000000000000000000 | . HO: | Ξ | 9 | 00000000 | . H0: | Ξ | | |
| | HORIZ | SOUTH | 2 | 000000000 | HORIZ | SOUT | 5 | 000000000 | HORIZ | SOUT | 'n | 00000000 |
| | 7 | TION: | | 00000000 | •0 | TION: | | 000000000 | • | TION: | | 00000000 |
| | MONTH: | ORIENTAT | ; | 71 1 1 1 1 1 1 1 1 1 | MONTH: | ORIENTA | - | 10.00 10.00 220.00 230.00 40.00 60.00 | MONTH: | ORIENTA | | 111- 10-0 220-00 325-00 445-00 690-00 |

| | 0.184 | DAILY TOTAL | RADIATION | 444444 0.7.2.0.4.0 0.0.0.0.0.0 0.0.0.0.0 0.0.0.0 | 0.187 | DAILY TOTAL | RADIATION | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 0.184 | DAILY TOTAL | RADIATION | 23.222.22 23.22.22.22 23.23.22.22 23.23.23.23 |
|----------|--------|-------------|-----------|---|--------|-------------|-----------|--|--------|-------------|-----------|--|
| | KD: | | 20 | | KD: | | 20 | 00000000 | Ä | | | 000000000 |
| TES | | | 19 | · | | | 19 | | | | 19 | |
| MINUT | 532 | | 18 | | 478 | | 81 | | 417 | | 18 | 00000000 |
| 59 | 0 | | 17 | 000000000000000000000000000000000000000 | | | 17 | 000000000000000000000000000000000000000 | 6 | | 17 | |
| GREES | •• | | 16 | 000000000 | • | | - | 00.118 | ·•• | | 16 | |
| 29 DE | × | | 15 | 0000000 W444444 V4484444 | K | | 15 | | 7 | _ | 15 | |
| TUDE | | ATION | 14 | | | ATION | | 00000000000000000000000000000000000000 | | ATION | 14 | |
| LATIT | . 20 | RADI | 13 | | .20 | RADI | 13 | | .20 | RADI | 13 | |
| × | 17: 0 | SOLAR | _ | 0.65 0.70 0.72 0.72 0.72 0.72 | TY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | _ | 00.50 00.50 00.50 00.50 00.50 |
| | ECTIVI | HOURLY | 1 | 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | CTIVI | HOURLY | 11 | 444.00 444.00 444.00 66. | ECTIVI | OURLY | 11 | 00000000000000000000000000000000000000 |
| | REFLE | H | _ | 00000000000000000000000000000000000000 | REFLE | Ħ | 10 | | REFLE | 2 | 10 | 00000000000000000000000000000000000000 |
| HOUSTON | | | | 0000000 000000 000000 000000 000000 | | | σ. | 0.34 0.34 0.33 0.33 0.33 0.33 | | | | 00.22 |
| пон | | | •• | 000000000000000000000000000000000000000 | _ | | •0 | 00.118 | | | - | 000000000000000000000000000000000000000 |
| LOCATION | 7.56 | | | 200000000 | 6.09 | | 7 | 000000000000000000000000000000000000000 | 5.51 | | | |
| 10C/ | . HO: | H | 9 | 000000000 | . HO: | Ħ | • | 00000000 | . HO: | Ξ | 9 | 000000000 |
| | HORIZ | SOUT | Ŋ | 00000000 | HORIZ | SOUT | ĸ | 00000000 | HORIZ | SOUT | S | 000000000 |
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| | MONTH: | ORIENTAT | ; | 411 220 220 220 230 20 20 20 20 20 20 20 20 20 20 20 20 20 | MONTH: | ORIENTA | i | 225.00 255.00 255.00 255.00 60.00 60.00 | MONTH: | ORIENTA | i | 711- 721- 725-00 725-00 735-00 750-00 750-00 |

| 31 MINUT |
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| 31 |
| DEGREES |
| 27 |
| LATITUDE |
| ¥ |
| KINGSVILLE |
| LOCATION |

| 0.185 | DAILY TOTAL | RADIATION | 20000000000000000000000000000000000000 | 0.186 | DAILY TOTAL | RADIATION | 6.22 6.22 6.22 6.33 6.33 6.33 6.33 6.33 | 0.187 | DAILY TOTAL | RADIATION | 44444444 8.77. 1.46.00.00.00.00.00.00.00.00.00.00.00.00.00 |
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| ΚĐ | | 20 | | KD: | | ~ | 000000000 | KD: | | 20 | 00000000 |
| | | ~ 1 | 00000000 | | | 19 | | | | 19 | |
| 41 | | ~ 1 | | بن 80 | | 13 | 000000000 | 08 | | 18 | |
| 9. | | | 00.003 | 4.0 | | 17 | 000000000000000000000000000000000000000 | 4. | | 17 | HAHAMAMA |
| | | 16 | 2222222 | •• | | 16 | | •• | | 16 | 00.29 00.30 00.30 00.29 00.29 |
| XT: | | - 1 | | X | | | WWW44444W 4/2000000 | X | | 15 | ሳሳሳሳሳሳሳሳሳ ሰሳክክክላሳጣው |
| | ATION | 14 | | | ATION | 14 | 1 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | ATION | 16 | 10000000000000000000000000000000000000 |
| .20 | RADI | 13 | 448888888 870888448 | .20 | RADI | 13 | 1 000000000000000000000000000000000000 | .20 | RADI | 3 | 000000000000000000000000000000000000000 |
| 17: 0 | SOLAR | 12 | 00000000 4400000000 10004000004 | 17: 0 | SOLAR | 12 | 00.60 00.60 00.60 00.60 00.61 00.53 | TY: 0 | SOLAR | 12 | 00.00 00 |
| FLECTIVITY | OURLY | 11 | | FLECTIVI | OURLY | 11 | 1000000 100000000000000000000000000000 | CTIVI | URLY | 7 | |
| REFLE | 유 | 10 | 000000 000000 000000 000000 | REFLE | Ħ | 10 | 44000000000000000000000000000000000000 | REFLE | H | _ | 00000000 0000000 00000000 00000000 |
| | | | 00000000000000000000000000000000000000 | | | ٥ | 0000000 0000000 00000000000000000000 | | | ٥ | 0000000 44444444 |
| | | •0 | 000000 000000 0000000 0000000 | | | • | 000000000000000000000000000000000000000 | | | ∞ | 8 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 6.53 | | | 000000000000000000000000000000000000000 | 7.99 | | ^ | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 9.43 | | 7 | 0000000 |
| | I | | | ¥0 : | x | 9 | 000000000 | #0# | × | 9 | |
| HORIZ. | SOUTI | 5 | 00000000 | HORIZ. | SOUTH | 2 | 00000000 | HORIZ. | SUUTI | Ŋ | 00000000 |
| - | TION: | | 00000000 | ~ | TION: | J | 00000000 | м | TION: | • | 00000000 |
| MONTH: | ORIENTAI | | 7111 0.0 10.00 20.00 35.00 35.00 50.00 | MONTH: | ORIENTAL | | 11LT 20.00 25.00 35.00 35.00 50.00 | MONTH: | ORIENTA | | 7117 10.00 20.00 25.00 35.00 40.00 50.00 |

| | 0.188 | DAILY TOTAL | RADIATION | NUNUNA44N NUNUNA6 AQUUNUNAN | 0.185 | DAILY TOTAL | RADIATION | លស្នាស្នាស្នាស្ន ស្នាស្និស្ស ស្នាស្និស្ស ស្នាស្នាស្ន | 0.179 | DAILY TOTAL | RADIATION | ************************************** |
|---------|--------|-------------|-----------|--|---------|-------------|-------------|---|--------|-------------|-----------|--|
| | KD: | | 20 | 000000000 | KD: | | 20 | 00000000 | KD: | | 20 | |
| ES | | | 19 | 000000000 | | | 19 | 00000000 | | | | 66666666 |
| MINUTES | 93 | | 13 | 00000000000000000000000000000000000000 | 23 | | 80 (| | 82 | | 18 | 000000000000000000000000000000000000000 |
| 31 | 9.0 | | 17 | 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 6 | | 17 | 000000000 | 0.5 | | - | 00.000000000000000000000000000000000000 |
| EGREES | | | 16 | 44m00m6F4 | •• | | - | | ., | | 16 | 2284444 |
| 27 DE(| Z | | 15 | &&&\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | X | | 15 | NNNUA44NN | K | | | 000000 0000000000000000000000000000000 |
| ITUDE | | ATION | 14 | I የኒቴኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒኒ | | ATION | 14 | 448408004 | | ATION | _ | |
| LATIT | .20 | RADI | | ଡଡ଼ଡ଼ଡ଼ ଡ଼ଡ଼ଥାଆ ଡେନ୍ଟ୍ରପ୍ଟରଥମ | .20 | RADI | 13 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | .20 | RADI | -13 | 777777 777878 |
| × | 1Y: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | 00.73 00.73 00.73 00.65 00.55 00.55 | TY: 0 | SOLAR | 12 | 0.74 0.74 0.71 0.68 0.61 |
| | CTIVI | OURLY | 11 | | ECTIVI | HOURLY | 11 | | ECTIVI | OURLY | 11 | 0.73 |
| LE | REFLE | 뒤 | | 00000000 0000000 0000000000 0000000000 | REFLE | ¥ | 10 | | REFLE | H | 10 | |
| NGSVIL | | | ٥ | 00000000000000000000000000000000000000 | | | • | 00.00 00 | | | Φ | 00.554 00.554 00.554 00.450 00.450 00.450 |
| KIY | | | •0 | 00.332 00.332 00.232 00.232 00.232 00.232 | | | | 00000000000000000000000000000000000000 | | | •0 | 000000000000000000000000000000000000000 |
| OCATION | 10.63 | | ~ | 00.114 | 11.24 | | ^ | 0.13 0.15 0.15 0.15 0.09 | 11.43 | | | 00.224 |
| LOCA | HO: | æ | 9 | 00000000 00000000 | . HO: | Ξ | | 00.00 00.00 00.00 00.00 00.00 00.00 | H0: | Ξ | 9 | 000000000000000000000000000000000000000 |
| | HORIZ. | SOUTH | | 00000000 | HORIZ. | SOUTH | | 000000000 | HORIZ. | SOUTH | | |
| | • | ION: | | | ار ا | : NOI | | | 9 | : NOI | 4 | |
| | HINOH | DRIENTAT | i | | MONTH: | DRIENTAT | ; | 20000000000000000000000000000000000000 | YENTH: | DRIENTAT | | 25.00 25.00 25.00 25.00 25.00 |

| 0.175 | DAILY TOTAL | RADIATION | AAAANINAAA ANUUUAVABU NAUANSANN | 0.177 | DAILY TOTAL | RADIATION | | 0.181 | DAILY TOTAL | RADIATION | NNNNNNNNN HW4444WDV H080VV40W |
|-----------|-------------|-----------|---|---------|-------------|-----------|--|--------|-------------|-----------|---|
| ΚĎ | | 20 | 000000000 | KD: | | 0 | | KD: | | | 000000000 |
| | | 19 | | | | 19 | | | | 19 | 00000000 |
| 593 | | 18 | 00000000000000000000000000000000000000 | 575 | | 18 | 000000000 00000000 | 547 | | | |
| 6 | | 17 | 000000000000000000000000000000000000000 | 8 | | 17 | 00050000 C08879561 | 9 | | 17 | |
| | | 16 | 000000 444.00000 20000000000000000000000 | •• | | 16 | | •• | | 16 | |
| KT | | 15 | 00000000 00000000 00000000000000000000 | KT | | 15 | | X | | 15 | |
| | ATION | 14 | | | ATION | | 00000000 900000000 9000000000000000000 | | ATION | 14 | |
| .20 | RADI | 13 | | .20 | RADI | 13 | 0.61 0.03 0.03 0.03 0.61 | . 20 | RADI | _ | 000000 000000 000000000000000000000000 |
| TY: 0 | SOLAR | 12 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | ITY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | 00.74 |
| LECTIVITY | OURLY | 11 | | ECTIVI | HOURLY | 11 | 00.73 00.73 00.73 00.75 00.75 | ECTIVI | OURLY | 11 | |
| REFLE | £ | 10 | | REFLE | £ | 10 | | REFLE | 문 | 10 | |
| | | • | 00000000000000000000000000000000000000 | | | | 00000000 00000000 000000000 0000000000 | | | | 00.50 |
| | | •0 | 200000000 2000000000000000000000000000 | | | •• | | | | *0 | 000000000 0000000000 |
| 11.22 | | ~ | 0000000 | 10.54 | | ~ | | 9.36 | | ^ | 00000000 |
| . HO: | Ξ | 9 | 0000000 000000 00000000000000000000000 | .: 9 | Ξ | 9 | 00000000 00000000000000000000000000000 | H | ≠ | 9 | |
| HORIZ. | SOUT | 1 | 00000000 | HORIZ. | SOUT | | 00000000 | HORIZ. | SOUTI | | 00000000 |
| ^ | TION: | | 00000000 | •0 | ATION: | | 00000000 | • | TION: | | |
| MONTH: | D' ZENTA | ; | - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 | MONTH: | ORIENTA | | 200 200 200 200 200 200 200 200 200 200 | HINOP! | ORIENTA | ; | 6 N 6 W W W W W W W W W W W W W W W W W |

| | •• | | | | •• | | | | •• | | |
|------------|--------|---------|----|--|--------|----------|------------|---|---------|----------|---|
| | 8 | | 20 | 000000000 | 2 | | | | 2 | 28 | 00000000 |
| TES | | | 19 | 000000000 | | | | 00000000 | | 6 | 00000000 |
| MINUT | 556 | | 18 | 00000000 | 503 | | 10 | 00000000 | 452 | | 00000000 |
| 5 31 | | | 17 | | • | | | | 6 | 17 | |
| DEGREES | •• | | 16 | 0000000 | •• | 2 | 01 | 90000000 00000000000000000000000000000 | | | 00000000 00000000000000000000000000000 |
| 27 DE | X | | 15 | 4444411144 4444411144 | Z | | 12 | 980000000 550000000 5500000000 | 2 | - F | 00000000 00000000000000000000000000000 |
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| LATIT | .20 | RADI | 13 | | .20 | | - 1 | 00000000 40000000 6480000000 | .20 | | 000000000 44000000000 44000000000 |
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| 1 E | REFLEC | H CH | 10 | | REFLE | ≖ , | 10 | 4400000000 | REFLE | ₹ . | |
| INGSVIL | | | • | COOOOOOO | | ¢ | 6 | 999999999 9999999999 9989999999 | | σ | 00000000 |
| KIX | | | | 1 4 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | • | • | 0000000 | | • | 222222222222222222222222222222222222222 |
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| LOCA | 94 | I | | | H0: | . |) | 00000000 | 19 | . | |
| | R12. | SOUT | 'n | 00000000 | RIZ. | Sour | 2 | 0000000 | R12. | Sour | 99999999 |

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| | 0.186 | DAILY TOTAL | RADIATION | ииииииффи вийфффовф Ифффффииф | 6.187 | DAILY TOTAL | RADIATION | 8008MNNN0 CONM444MN SOORMNNNN | 0.187 | CAILY TOTAL | RADIATION | 440000044 |
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| | KD: | | | 00000000 | KD: | | | | ΚĎ | | | 000000000 |
| IES | | | 19 | | | | 19 | 000000000 | | | _ | 00000000 |
| MINUTES | 5.5 | | 18 | 00000000 | 27.5 | | 38 | | 107 | | 2 | |
| 32 | 4.0 | | | | 4. | | 17 | | 6.5 | | 17 | nmmmmm. |
| DEGREES | •: | | | 0000000 000000000000000000000000000000 | •• | | 16 | 200000000000000000000000000000000000000 | •• | | 16 | |
| 27 DE | K1 | | 15 | | X | | 15 | 000000000 WW 4 4 4 4 4 4 W | X | | 15 | 666666666666666666666666666666666666666 |
| | | ATION | 14 | ! さんなみらゆころん! きょうこう ! きょるてっかいしゅ | | TION | 14 | ************************************ | | ATION | 14 | NN 00000000000000000000000000000000000 |
| ATITUDE | 20 | RADI/ | 13 | เล่นเก่นเน้นเน้นเน้น เพื่อมณิจะระหนึ่ | 20 | RADIATIO | 13 | www.a.a.a.a.w.w. wv.eo==================================== | .20 | RADIA | - | 0.000000000000000000000000000000000000 |
| × | TY: 0 | SOLAR | 12 | <u> </u> | 17: 0. | SOLAR | 12 | | TY: 0. | SOLAR | 12 | 1 7 7 1 1 1 1 7 7 7 7 |
| _ | IVI | IOURLY S | 11 | 1 | ECTIVI | HOURLY S | _ | WV WO WHO WA | FLECTIVII | HOURLY S | 11 | 1 |
| | REFLECT | HOH | | WAAAAWWA WAAAAWWA WWAVWWGOW | EFL EC | HOL | • | 1 | w | HOE | | |
| REDO | 24 | | • | | € | | _ | NW 4 4 4 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 | ~ | | • | 44777744 44777744 0000000 |
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| LOCATION | PO | | | 1 808000000 | 9 | | • | 1 00000000 | HO: | | | |
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| | HO | •• | • | 1 00000000 | 5 | | • | 1 00000000 | Ž | •• | • | 1 00000000 |
| | 7 | ATION | | 00000000 | N | ATION | | 99999999 | m | ATION | | 66666666 |
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| 32 MINUTES | |
|------------|--|
| 27 DEGREES | |
| LATITUDE | |
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| | 0.186 | DATLY TOTAL | RADIATION | พพพพพพพ 44 44 48 48 48 48 48 48 48 | 0.161 | DATLY TOTAL | RADIATION | | 0.178 | DAILY TOTAL | A NING | พพุพพลุล ผลจะแท่ช่ อะพพพล |
|---------|----------|-------------|-----------|---|------------|-------------|-----------|---|--------|-------------|--|---|
| | KD: | | 20 | | KD: | | 20 | | KD: | | Nime | 00000 |
| ES | | | | | | | 67 | | | | -, | 999999 |
| MINUTE | 512 | | 18 | mmmannan | 247 | | 18 | 00000000 00000000 000000000 | 572 | | . 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. | 000000 |
| 32 | • | | 17 | | • | | 17 | | 0 | | 7 444 | 00.13 |
| DEGREES | | | 16 | | •• | | 16 | | ., | | 5 4 4 W | 00000 |
| 27 DE | T. | | W) | こ ころちゃく ちょうろうしゅうりゅう こうしゅう ひっちゅう こうごう しゅうしゅう こうごう | X | | 15 | SUNDERSONO | X | | V 88.2 | 00000 55.4.4.2 8.4.4.2 8.4.4.2 8.4.4.2 8.4.4.2 8.4.4.2 8.4.4.2 8.4.4.2 8 8.4.2 8 8.4.2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 |
| TUDE | | ACION | 7 4 | | | ATION | 14 | 262624U4 2726U26U4 | | IATION | 717.72 | 6666000 6660000 6600000 |
| LATIT | .20 | RADIA | 13 | 00000000 464466000 664666000 | .20 | RADI | 13 | 606666677778 | .20 | RACI | 7.78 | 4.0000 4.0000 4.0000 5.0000 5.0000 |
| × | TY: 0 | SOLAR | 12 | 00.000 00.000 00.000 0.600 0.600 0.600 | ITY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 7 88. | 00.00 7.7.00 7.6.00 7.6.00 7.6.00 7.6.00 7.6.00 |
| | CTIVI | HOURLY | = | | EFLECTIVI | HOURLY | 11 | | ECTIVI | HOURLY | 11 | 0.00 0.72 0.67 0.67 0.52 |
| | REFLECTI | Ĭ | 10 | 00000000 99999999 | REFL | Ξ | 10 | | REFLE | ¥ | 0 7.7.9. | 00000 666 667 677 677 677 677 677 |
| LAREDO | | | • | 0000000 0000000 00000000 000000000 | | | • | 00000000 00000000 00000000000000000000 | | | ستنداء | 00000 00000 00000 00000 00000 |
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| CCATION | 10.63 | | 7 | \$8000000 \$80000000000000000000000000000 | 11.24 | | ^ | - 11 | 11.43 | | - 1 444 | 00.13 |
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| | HORIZ. | SOUTH | 1 | | HOR 12 | SOUTH | 2 | 88886666666666666666666666666666666666 | HOR12. | SOUTH | | |
| | • | TION: | | 00000000 | • | TION: | | 00000000 | • | LION: | 1 | 00000 |
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| | 0.174 | DAILY TOTAL | RADIATION | 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | 0.174 | DAILY TOTAL | RADIATION | 66.34 6.25 7.25 7.29 7.29 7.29 | 0.178 | DAILY TOTAL | RADIATION | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ |
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| ES | | | 19 | | | | - | 000000000 | | | ~ | 00000000 |
| MINUT | 66 | | 13 | 0000000 000000 00000000000000000000000 | 0.1 | | 18 | 00000000 | 74 | | | |
| 32 | 9.5 | | 17 | | 0.6 | | 17 | Nondended | 0.5 | | 17 | 000000000000000000000000000000000000000 |
| GREES | | | 16 | 444888888 444888888 | | | 16 | 444 444 444 444 444 444 444 444 444 44 | | | 16 | |
| 7 DE | KT: | | 15 | | KT: | | 15 | ພາບານປາການ ສົດສົບຈານພອນ | KT: | | | |
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| LATIT | .20 | RADI | اب در | 567779122 | .20 | RADIA | | 677788882 | .20 | RADIA | 13 | 0.75 0.75 0.75 0.75 0.75 0.75 0.75 |
| × | TY: 0 | SOLAR | 12 | : NN47008N86 | TY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 |
| | CTIVI | URLY | 11 | | CTIVI | HOURLY | 1 | 677788820 | ECTIVI | HOURLY | 11 | 0.75 0.75 0.75 0.75 0.75 0.75 |
| | REFLE | HO | 10 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | REFLE | HO | | 0.72 0.73 0.73 0.72 0.67 0.62 0.55 | REFLE | 8 | 10 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| EDO | | | 6 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | 6 | וּעַיּעִי וּעִיּעִיּעִיּעִייִּעִיּעִייִּעִיּעִייִּעִייִּעִיִּעִייִּעִייִּעִייִּעִייִּעִייִּעִייִּעִייִּעִייִּעִיי | | | 6 | 00000000000000000000000000000000000000 |
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| TION | 11.22 | | 7 | 20000000 20000000000000000000000000000 | 10.54 | | 7 | 0.21 0.20 0.19 0.17 0.17 0.13 | 9.36 | | ^ | 000000000000000000000000000000000000000 |
| LOCATI | H0: | I | 9 | 0000000 000000000000000000000000000 | H0: | I | 9 | 0.0022003 | H0: | * | 9 | |
| | HORIZ. | SOUTI | 'n | 00000000 | HORIZ. | SOUTH | 5 | 00000000 | HORIZ. | SOUT | - | 00000000 |
| | 7 | rion: | | 00000000 | €0 | rion: | | | • | :NOI | | 00000000 |
| | MONTH: | ORIENTAT | - | 222 222 225 225 225 225 225 225 225 225 | MONTH: | ORIENTAT | - | 200 200 300 300 300 300 500 600 600 600 600 | MONTH: | ORIENTAT | ; | 110 100 100 220 30 30 60 60 60 60 60 |

| | 0.179 | DAILY TOTAL | RADIATION | 4.44 | 4.86 | 5.17 | 5.27 | 5.35 | 5.39 | 5.41 | 5.33 | 5.13 | |
|-------------|--------------------|------------------------|-----------|------|---------|------|-------|------|------|------|--------|-----------|--|
| | χĐ | | 20 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| TES | | | 19 | 0.0 | o. o | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 32 MINUTES | 0.563 | | 18 | 0.0 | 0.0 | 0.0 | 0. | 0.0 | 0. | 0.0 | 0.0 | 0.0 | |
| | 6 | | 17 | 0.07 | 0.08 | 0.09 | 0.03 | 0.09 | 0.10 | 0.10 | 0.10 | 0.10 | |
| DEGREES | •• | | ~ | 0.25 | 0.27 | 0.30 | 0.30 | 0.31 | 0.32 | 0.32 | 0.32 | 0.31 | |
| 27 DE | KT: | | - | 4.1 | 45 | 48 | 65 | 20 | 51 | 5 | 0.50 | \$ | |
| | | ATION | 14 | | | | | | | | | 2.61 | |
| LATIT | .20 | RADI | 13 | | eO. | N | m | ÷ | J | ÷ | ۳, | 0 . 7 3 | |
| TX LATITUDE | REFLECTIVITY: 0.20 | HOURLY SOLAR RADIATION | 12 | .65 | .71 | 75 | 7.6 | .77 | .77 | 77 | | .72 | |
| | CTIVI | URLY | 11 | 0.63 | 0.68 | 0.72 | 0.73 | 97.0 | 97.0 | 97.0 | 0.73 | 0.70 | |
| | REFLE | H | 10 | 0.54 | 0.59 | 0.63 | 99.0 | 0.65 | 0.65 | 0.65 | 9.0 | 0.61 | |
| LAREDO | | | ٥ | | | | | | | | | 0.48 | |
| LAR | | | •0 | | | 0 | | 3 | 32 | 2 | 1 C | 0.31 | |
| LOCATION | 7.88 | | 7 | | 0.08 | 60 | 6 | 60 | 0 | 0 | 0.10 | 0.10 | |
| LOCA | H0: | I | 9 | 0.0 | 0 | 0.0 | 0.0 | 0.0 | 0 | | 0 | 0.0 | |
| | HORIZ. HO: 7.88 | SOUTH | Ŋ | 0.0 | 0 | 0.0 | 0 | 0 | | - | | 0.0 | |
| | 10 | TION: | • | 0.0 | 0 | 0 | - | 0 | | | | 0.0 | |
| | MONTH: | ORIENTATION: | 1 | TILT | 6 | | 25.00 | . = | | · | , _ | 60.00 | |

| 0.187 | DAILY TOTAL | RADIATION | 00484444444444444444444444444444444444 | 0.187 | DAILY TOTAL | RADIATION | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
|--------------|-------------|-----------|--|------------------|-------------|-----------|---|
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| 206 | | 18 | 00000000 | 473 | | 18 | 00000000 |
| 0. | | 17 | 00000000 | 9 | | 17 | |
| :- | | 16 | | K T : | | 16 | |
| K | 7 | - 1 | 00000000000000000000000000000000000000 | × | z | | 00000000 |
| | RADIATION | 14 | 4400000000000000000000000000000000000 | | RADIATIO | 14 | |
| 0.20 | | 13 | 00000000 00000000 00000000000000000000 | 0.20 | | 13 | |
| | SOLAR | 12 | | | SOLAR | 12 | 20000000000000000000000000000000000000 |
| EFLECTIVITY: | HOURLY | | 00000000 400000000 | EFLECTIVITY: | HOURLY | 11 | 100/14/10/0V |
| REFL | Ξ | 10 | | REFL | I | 10 | W44444W0U A40V80000 |
| | | 6 | 00000000000000000000000000000000000000 | | | ٥ | 00000000 1 00000000 1 00000000000000000 |
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| 4.6 | | 7 | 00000000 | 5.9 | | 7 | 00000000 |
| . HO: | Ŧ | | 000000000 | . 1 0 | Ξ | • | 000000000 |
| HORIZ. | SOUTH | S | | HORIZ | SOUTH | Ŋ | |
| 11 | TION: | | | 12 | TION: | | 00000000 |
| MONTH: | ORIENTATION | | 7111 1000 22000 30000 35000 60000 | MONTH: | ORIENTATION | | 7117 10.00 220.00 330.00 40.00 60.00 |

| | 0.176 | DAILY TOTAL | RADIATION | 88444444 2867 2867 2864 2864 2864 3864 | 0.176 | DAZLY TOTAL | RADIATION | 4400000000 2700000000 00000000000 | 0.167 | DAILY TOTAL | RADIATION | 566666655 500000 500000 500000 50000 |
|---------|---------|-------------|-----------|---|----------|-------------|-----------|--|----------|-------------|-----------|---|
| | KD: | | 20 | 00000000 | Ä | | 20 | 00000000 | KD: | | 20 | 00000000 |
| TES | | | 19 | 000000000 | | | ~ | 000000000 | | | 19 | 00000000 |
| MINUTE | 588 | | _ | | 586 | | - | 00000000 | 627 | | 18 | |
| 5 39 | 0 | | 17 | | | | 17 | 0.05 0.05 0.00 0.08 0.09 0.09 | 9. | | 17 | |
| EGREES | <u></u> | | | 2000000 2000000 2000000000000000000000 | <u>:</u> | | | | <u>:</u> | | 16 | 00000000000000000000000000000000000000 |
| 33 DE | KT | | 15 | 00000000000000000000000000000000000000 | <u>~</u> | | 15 | 0.00 | ₽ | - | 15 | 00000000000000000000000000000000000000 |
| TUDE | | ATION | 14 | | | ATION | 14 | | | IATION | 14 | |
| LATI | 0.20 | R RADI | 13 | | 0.20 | R RADI | 13 | | 0.20 | R RAD | 13 | |
| × | 17Y: (| SOLAR | 12 | | ITY: 1 | SOLA | | 0.00 0.75 0.75 0.75 0.75 0.75 0.75 | ITY: (| SOLA | 12 | 00000000 0000000000000000000000000000 |
| | ECTIV | OURL'Y | 11 | | ECTIV | OURLY | 11 | 777777 | ECTIV. | OURLY | 11 | |
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| | 0.160 | AILY TOTAL | RADIATION | る な な な な な な な な な な な な な | 0.157 | AILY TOTAL | RADIATION | 7777 3077 3077 3077 3077 3077 3077 3077 | 0.151 | AILY TOTAL | RADIATION | 4566777788 4566777778 4566777778 |
|------------|--------|------------|-----------|--|---------|------------|-----------|--|--------|------------|------------|---|
| | KD: | Ω | 20 | 00000000 | KĐ: | Α | 20 | | KD: | Δ | 20 | |
| ES | | | ~ | | | | | 000000000 | | | 19 | |
| MINUT | 26 | | _ | 00000000000000000000000000000000000000 | 88 | | 18 | 000000000000000000000000000000000000000 | 06 | | 18 | 44000000 |
| 39 | 9.0 | | 17 | 1 2000000000000000000000000000000000000 | 9.0 | | 17 | 00.20 00.00 00 | 9.0 | | 17 | MISS42050 |
| REES | | | 16 | 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | | | 16 | 201040000 | | | 16 | 40000000000000000000000000000000000000 |
| 3 DEG | K. | | 15 | | X | | 15 | 887540500 | X | | 15 | |
| IDE 3 | | TION | 14 | 7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7. | | ATION | 14 | 88887 2288 2487 2688 2688 2688 2688 2688 2688 2688 26 | | ATION | 14 | 8888887789 8888887789 |
| ATITUD | 20 | RADIA | 13 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | .20 | RADIA | 13 | 67888869 67479 67479 | .20 | RADI/ | 13 | Დ ������������������������������������ |
| × | TY: 0. | SOLAR | 12 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | TY: 0 | SOLAR | | 00000000000000000000000000000000000000 | 1Y: 0 | SOLAR | 12 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| , – | CTIVII | OURLY S | 11 | 888888887 98000889944 | CTIVI | OURLY ! | 11 | 999988679 9747997479 | TIVI | RLY | 11 | \$0\$0\$0\$0 \$0\$0 | REFLE(| HOL | 10 | 0.77 0.80 0.80 0.78 0.78 0.78 0.78 0.78 | REFLE(| HO | 10 | ころこしゃてよるの | REFLEC | ноп | | । ବ୍ୟକ୍ତ । । |
| BOCK | | | ٥ | 000000000000000000000000000000000000 | _ | | 0 | 8875440886 | | | ٥ | NHONSHONS |
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| TION | 10.41 | | 7 | 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 11.31 | | 7 | 00.23 | 11.62 | | | 000000000000000000000000000000000000000 |
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| | HORIZ. | SOUT | | 00000000 | HORIZ. | SOUT | | 00000000 | HORIZ. | SOUT | 5 | |
| | ± | ION: | _ | 00000000 | ς. Ξ | ION: | | 00000000 | ¥ | : NO I | | |
| | MONTH: | ORIENTATI | • | 1111 0.0 220.00 325.00 35.00 60.00 | MONTH: | ORIENTAT | ; | 22.00 32.00 32.00 35.00 60.00 | MONTH: | ORIENTATI | ; | 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |

| | 0.156 | DAILY TOTAL | RADIATION | 7.50 7.59 7.23 7.02 6.78 6.78 5.81 | 0.155 | DAILY TOTAL | RADIATION | 6.25 6.25 6.45 6.25 6.45 | 0.161 | DAILY TOTAL | RADIATION | 200000000 |
|---------|---------|-------------|------------|---|-------------|-------------|-----------|--|---------|-------------|-----------|--|
| | KD: | | 20 | 00000000 | X D : | | | 00000000 | χΩ: | | 20 | 00000000 |
| NUTES | | | 9 2 | 000000000000000000000000000000000000000 | | | 8 1 | 44WWWUNUU | | | 8 1 | |
| 39 MI | 0.673 | | 17 | 00000000000000000000000000000000000000 | 0.674 | | | 111122234 111122234 111134 11114 11114 1114 | 0.652 | | 17 | |
| DEGREES | KT: | | 7 | 80 60 60 60 60 60 60 60 | KT: | | 16 | 4000000000 | KT: | | 16 | W C C C C C C C C C C C C C C C C C C |
| IDE 33 | | LION | 14 1 | 1 8 8 8 8 8 7 7 9 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | TION | 14 | 7.7888887 7.780 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | TION | 14 1 | 75 0 0 5 7 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 |
| LATITU | 0.20 | AR RADIA | 13 | 00000000 | 0.20 | IR RADIA | 13 | 00000000 | 0.20 | R RADIA | 13 | |
| × | IVITY: | LY SOLA | 1 12 | 6 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | IVITY: | LY SOLA | ~ | 78899934198 | TIVITY: | LY SCLA | | |
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| иввоск | | | 6 | 1 10 10 20 20 20 20 20 20 20 20 20 20 20 20 20 | | | • | 37 2 2 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | | | • | 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
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| LOCAT | . но: 1 | H | 9 | 0000000 | . HO: 1 | Ξ | 9 | 00000000000000000000000000000000000000 | . HO: | E | • | |
| | HORIZ | SOUT | | 00000000 | HORIZ | SOUT | | 0000000 | HORIZ | SOUT | | |
| | ^ | ATION: | | | •0 | ATION: | | 00000000 | ٥ | TTON: | | |
| | MONTH: | ORIENT | ; | 25.00 25.00 35.00 40.00 60.00 | MONTH: | ORIENTA | | 10.00 10.00 20.00 30.00 50.00 60.00 | MONTH: | ORIENTA | | 11.4 10.00 25.00 25.00 35.00 46.00 66.00 |

| | 0.160 | DAILY TOTAL | RADIATION | 4 N N N A A A A A A A A A A A A A A A A | 0.164 | DAILY TOTAL | RADIATION | 84488888888888888888888888888888888888 | 0.173 | DAILY TOTAL | RADIATION | 26.4444.00 6.1.444.00 1.1.40.00 1.1.00 1. |
|---------|----------|-------------|-----------|---|--------|-------------|-----------|--|------------|-------------|-----------|---|
| | ΚĐ | | 20 | | χĎ | | 20 | 00000000 | KD: | | 20 | 00000000 |
| TES | | | 19 | 000000000 | | | 19 | | | | 19 | |
| MINUT | 929 | | _ | 00000000 | 159 | | 18 | 00000000 | 603 | | 18 | |
| 5 39 | | | 17 | | | | 17 | 00000000 | | | 17 | 00000000 |
| EGREE | | | 16 | 00000000 | Ë | | 16 | 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 | : : | | 16 | 00000000 |
| 33 D | ~ | z | 15 | | × | z. | 15 | 00000000 | × | 2 | 15 | 00000000 |
| TUDE | | IATIO | 14 | | | IATIO | 14 | | | IATIO | 14 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| LATI | 0.20 | R RAD | 13 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 0.20 | R RAD | 13 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 0.20 | R RAD | 13 | 0.54 0.56 0.64 0.70 0.72 0.74 0.77 |
| × | ITY: | SOLA | 12 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | ITY: | SOLA | 12 | | ITY: | SOLA | _ | 0.50 0.60 0.67 0.74 0.76 0.78 |
| | ECT IV | OURLY | - | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | ECTIV | OURLY | 11 | 20000000 | ECTIV | OURLY | 11 | |
| | REFL | I | 10 | 00000000 | REFL | x | | 00000000 | REFL | X | 10 | 00000000 |
| BBOCK | | | | 1 000000000000000000000000000000000000 | | | 6 | 00000000000000000000000000000000000000 | | | | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 2 | Z. | | •0 | 00000000 0000000 | 6 | | •0 | 0.22 0.22 0.25 0.25 0.25 0.25 0.23 | • | | | 000000000000000000000000000000000000000 |
| OCATION | 7.0 | | 7 | 10000000000000000000000000000000000000 | 5.4 | | | | 8 . | | ~ | |
| 707 | HÖ:: | ITH | | 00000000 | . HO: | HH | | | . HO: | 11.11 | | 00000000 |
| | HORIZ | SOUT | | 00000000 | HORIZ | SOUT | īυ. | | HORIZ | 5007 | | 000000000 |
| | 10 | TION: | | | 11 | TION: | | 00000000 | 12 | TION: | | 00000000 |
| | MONTH: | ORIENTA | ; | 71[- 0.0 10.0 220.00 35.00 55.00 60.00 | MONTH: | ORIENTA | - | 60000000000000000000000000000000000000 | MONTH: | ORIENTA | | 11. 10.00 125.00 335.00 45.00 60.00 |

| | 0.184 | DAILY TOTAL | RADIATION | 2288888888 2002884 200882 200882 | 0.185 | DAILY TOTAL | RADIATION | 86444444 8640001000 | 0.187 | DAILY TOTAL | RADIATION | 44444444 MUVOL/VOO4 WOOLIISMUL |
|---------|--------|-------------|-----------|---|--------|-------------|-----------|--|---------|-------------|------------|---|
| | χĐ: | | 29 | | χĐ: | | 20 | | KD: | | 20 | |
| TES | | | 19 | | | | 19 | | | | ~ 1 | 00000000 |
| MINUTE | 422 | | | | 450 | | - | | 177 | | - | 00000000 |
| 14 | 0.6 | | 17 | | | | | 0.05 0.06 0.07 0.07 0.07 0.07 | 4.0 | | 17 | 000000000000000000000000000000000000000 |
| EGREES | •• | | 16 | 00000000000000000000000000000000000000 | ·• | | ~ | 00000000000000000000000000000000000000 | | | 16 | 0.22 0.23 0.23 0.23 0.23 0.23 |
| 31 DE | KT | | 15 | | × | | 15 | 0.39 0.39 0.39 0.39 0.39 | Σ | _ | 15 | |
| TUDE | | ATION | 14 | | | ATION | 14 | | | ATION | 14 | 0000000 000000000000000000000000000000 |
| LATIT | .20 | RADI | 13 | | .20 | RADI | 13 | <u> </u> | .20 | RADI | 13 | Nooooonin |
| × | TY: 0 | SOLAR | 12 | 000000000 444400000 048004004 | TY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | |
| | ECTIVI | OURLY | 1 | 00000000 0000000 0000000 0000000 | CTIVI | OURLY | 11 | | CTIVI | URLY | 11 | |
| | REFLE | H | 10 | 000000000 000000000 0000000000 000000 | REFLE | H | 10 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | REFLE | H | 10 | 00000000000000000000000000000000000000 |
| FKIN | | | 6 | | | | 0 | 00000000000000000000000000000000000000 | | | ٥ | 00000000000000000000000000000000000000 |
| 101 | m | | •0 | 000000000 | _ | | €0 | 00.000000000000000000000000000000000000 | _ | | •>> | 000000 00000 00000 00000 00000 00000 0000 |
| OCATION | 5.9 | | 7 | 200000000 | 7.50 | | | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | 9.10 | | 1 | 000000000000000000000000000000000000000 |
| 10C/ | . но: | Ξ | | 000000000 | . HD: | Ξ | | | . HO: | Ξ | 9 | |
| | HORIZ | SOUTH | | 000000000 | HORIZ | SOUTH | | | HORIZ | SOUTH | | |
| | ~ | :NOI | | | 2 | : NOI | • | 00000000 | m | TION: | | |
| | MONTH: | CRIENTAT | ; | 7111 0.0 220.00 230.00 350.00 560.00 | MONTH: | ORIENTAT | ; | 220.00 220.00 220.00 320.00 50.00 60.00 | MONTH: | ORIENTAT | ; | 116-1 1000 22000 3000 3500 4500 600 600 600 |

| | 0.187 | DAILY TOTAL | RADIATION | 0000004444 101100740 008000000 | 0.185 | DAILY TOTAL | RADIATION | សសលសសសស្ន សំសំសំសំសំសំ ស្វេសស្និក្សេស ស្វេសស្និក្សេស | 0.179 | DAILY TOTAL | RADIATION | 3990000044 4 |
|---------|----------|-------------|-----------|---|----------|-------------|-----------|--|----------|-------------|-----------|--|
| | ΚĎ | | 20 | | Ä | | 20 | 00000000 | KĎ: | | | |
| ES | | | | | | | 19 | | | | 19 | |
| MINUTE | 37 | | | 00000000000000000000000000000000000000 | 21 | | 18 | | 61 | | 18 | |
| 141 | 0.48 | | 17 | MENTHUTH | 0.5 | | 17 | 4522222 452222 1012222 101222 | 0.5 | | 17 | 0115223 |
| GREES | •• | | 16 | WWWWWWWW WWWWWWWWW | •• | | 16 | | •• | | 16 | |
| 31 DE | X | | 15 | 00.00 00 | X | | 15 | | X | _ | 15 | |
| UDE | | ATION | 7 4 | | | ATION | 7 | 000000 660000 660000 760000 760000 | | ATION | 14 | 400000000 |
| LATITUD | .20 | RADI | 13 | | .20 | RADI | 13 | | 0.50 | RADI | 13 | 0.77 0.77 0.75 0.70 0.67 0.61 0.61 |
| × | TY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | 0.73 0.73 0.73 0.68 0.68 0.65 0.65 | [TY: 0 | SOLAR | — | 0.75 0.75 0.75 0.75 0.75 0.75 0.75 |
| | CTIVI | HOURLY | 11 | | ECTIVI | HOURLY | 11 | | ECTIV] | OURLY | 11 | 0.77 0.75 0.72 0.72 0.61 61 |
| | REFLE | ¥ | 10 | | REFLE | ¥ | 10 | | REFL | ¥ | 10 | AUGGGGGGG |
| FKIN | | | ٥ | 00000000 44444444 64444444 | | | • | 00000000 0000000 00004444 0000000000 | | | • | 00000000000000000000000000000000000000 |
| ñ. | 7 | | •• | 00000000 000000000 00000000000000000 | 6 | | •0 | 00000000000000000000000000000000000000 | 2 | | | 00000000000000000000000000000000000000 |
| OCATION | 10.5 | | 7 | 0000000 | 11.3 | | 7 | 0.22 0.12 0.12 0.13 0.13 | 11.5 | | ~ | 000000000000000000000000000000000000000 |
| 1007 | . HO: | Ŧ | • | 00000000 00000000 | . HO: | E | 9 | 00000000000000000000000000000000000000 | . HO: | Ŧ | | 000000000000000000000000000000000000000 |
| | HORIZ | SOU | īU | | HORIZ | SOUTH | | | HORIZ | SOUT | ξ. | |
| | ~ | TION: | | 000000000 | ارة _ | TION: | | 00000000 | ~ | : NOI1 | | 000000000 |
| | MONTH: | ORIENTA | ; | | MONTH: | ORIENTA | i | 2222 2222 2222 2222 2222 2222 2222 2222 2222 | MONTH: | ORIENTA | ; | 11[- 20 00 325 00 335 00 45 00 60 00 |

| | 0.179 | DAILY TOTAL | RADIATION | ΦΦΦΝΝΝΝΦΦ WONTON 1991 WOD N 80 R N O O WOD N 80 R N O O | 0.179 | DAILY TOTAL | RADIATION | NUNNNNNN4 80.0.000000000000000000000000000000000 | 0.183 | DAILY TOTAL | RADIATION | 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 |
|--------|--------|-------------|-----------|---|--------|-------------|-----------|--|--------|-------------|-----------|---|
| | KD: | | ~ | 00000000 | Š | | 20 | 99999999 | KD: | | 2 | 000000000 |
| ES | | | _ | 00000000 | | | | 00000000 | | | | 00000000 |
| MINUT | 61 | | 8 | 00000000 000000 0000000 | 63 | | 18 | · · · · · · · · · · · · · · · · · · · | 34 | | 87 | |
| 14 1 | 0.5 | | 17 | | 0.5 | | ! | | 0.5 | | | |
| EGREES | | | 16 | 00.00 00 | •• | | 16 | 0000000 000000000000000000000000000000 | | | | 000000000000000000000000000000000000000 |
| 31 DE | KT | _ | | 000000 000000 00000000 000000000 | K | _ | 15 | 00000000 00000000 00000000 00000000 000000 | KT | | 15 | |
| TUDE | | ATION | _ | 0000000 000000000 000000000000000 | | ATION | 14 | <u> </u> | | ATION | | 00000000000000000000000000000000000000 |
| LATIT | .20 | RADI | - | 00.75 00.75 00.75 00.75 00.63 00.63 | .20 | RADI | | | . 20 | RADI | 13 | |
| X | TY: 0 | SOLAR | | 0.74 0.74 0.74 0.74 0.58 | TY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | 0.00 0.73 0.73 0.73 0.72 0.73 |
| | ECTIVI | OURLY | 11 | 0.75 0.75 0.75 0.75 0.73 0.69 0.68 | ECTIVI | OURLY | | 0.74 0.75 0.75 0.75 0.75 0.67 | ECTIVI | OURLY | 11 | 0.70 0.70 0.70 0.70 0.70 0.67 |
| | REFL | ¥ | 10 | 00000000 0000000 00000000 000000000 | REFLE | Ŧ | 10 | 00.00 6.60 6.60 6.60 6.60 6.60 6.60 6.6 | REFLE | Ħ | 10 | 00000000000000000000000000000000000000 |
| FKIN | | | 0 | 000000 000000 0000000 0000000000 | | | | 0000000 000000000 00000000000 0000000 | | | • | 00000000000000000000000000000000000000 |
| LUF | | | •0 | 1 000000000000000000000000000000000000 | | | €0 | 00000000000000000000000000000000000000 | | | •0 | 00000000000000000000000000000000000000 |
| ATION | 11.28 | | 7 | 00.000 | 10.43 | | 7 | 0.20 0.120 0.13 0.13 0.14 0.16 | 9.04 | | ^ | 000000 |
| LOCA | . HO: | ∓ | 9 | 000000 | . HO: | Ŧ | | 9000000 90000000 4888888888 | : OH | . = | 9 | |
| | HCRIZ. | SOUTH | Ŋ | 00000000 | HORIZ. | SOUTI | Ŋ | 00000000 | HORIZ. | SOUTH | | 600000000 |
| | ~ | : NO I | | 00000000 | •• | :NOI | | 00000000 | 6 | : NOI | * | |
| | MONTH: | ORIENTAT | į | 60000000000000000000000000000000000000 | MONTH: | ORIENTAT | ; | 225 | MONTH: | ORIENTAT | ; | 110.0 10.0 220.00 330.00 55.00 50.00 |

| | 0.177 | DAILY TOTAL | RADIATION | ************************************** | 0.186 | DAILY TOTAL | RADIATION | STREET OF STREE | 0.186 | DAILY TOTAL | RADIATION | 22222222222222222222222222222222222222 |
|---------|------------|-------------|-----------|--|------------------|-------------|-----------|--|--------|-------------|-----------|---|
| | KD: | | S | 00000000 | ¥0 | | 20 | 00000000 | KD: | | 20 | |
| TES | | | ~ | 00000000 | | | 19 | | | | 19 | |
| MINUTE | 575 | | 18 | 000000000 | 516 | | 10 | 00000000 | 457 | | 18 | 000000000 |
| 5 14 | 6 | | 17 | | ė | | ~ | 00.00 | | | ~ | |
| DEGREES | . . | | 16 | | :- | | 16 | 00.22 | Ë | | 16 | |
| 31 D | ¥ | z | 15 | | ¥ | 2 | 15 | 00000000000000000000000000000000000000 | × | z | 15 | 000000000000000000000000000000000000000 |
| ATITUDE | | IATIO | 7 | | | IATION | 14 | | | IATIO | 14 | |
| LATE | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | |
| × | 17: | SOLA | 21 | 00000000 00000000 000000000 | ** | SOLAI | 12 | | ITY: | SOLA | 12 | |
| | EFLECTIVI | HOURLY | 11 | 00000000000000000000000000000000000000 | EFLECTIVITY | HOURLY | 11 | 20000000000000000000000000000000000000 | ECTIV | OURLY | 11 | |
| | REFLI | Ĭ | 10 | | REFLI | Ĭ | 10 | | REFLI | Ĭ | 10 | 00000000 |
| FKIN | | | - | 000000000 W444 W | | | • | 00000000 00000000 00000000000000000000 | | | • | 000000000 |
| 50. | σ. | | •0 | 00000000000000000000000000000000000000 | • | | 60 | 200000000 20000000 | 0 | | •0 | 00.154 |
| OCATION | 7.3 | | 7 | 22000000000000000000000000000000000000 | ις 9 0 | | ^ | | 5.3 | | 7 | 00000000 |
| 100 | . HO: | # | • | 00000000 | . HO: | H | ø | | . HD: | H | • | 00000000 |
| | HORIZ | SOUTH | S | 00000000 | HORIZ | SOUTH | ĸ | | HORIZ | SOUT | ĸ | 00000000 |
| | 10 | TION: | | 00000000 | 11 | .T10N: | | | 12 | ITION: | 4 | |
| | MONTH: | ORIENTA | | 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | MONTH: | OPIENTAT | | 511- 0.00 220.000 330.000 540.000 60.000 | HINOH: | ORIEHTA | | 41[7 20.00 25.00 35.00 40.00 60.00 |

| | 0.176 | DAILY TOTAL | RADIATION | NN4444NNN 4044840HH 5055NNN406 | 9.176 | DAILY TOTAL | RADIATION | ៳ឩ៷៶៶៲៶៲៶៶៲៶៶៲៶៶៶៶៶៶៶ ៶៶៶៶៶៶៶៶៶៶៶៶៶៶៶៶៶៶៶ | 0.163 | DAILY TOTAL | RADIATION | いるみらっちゅるこ アニネルラシャンの ゆるちゅびほう |
|---------|--------|-------------|-----------|---|--------|-------------|-----------|---|--------|-------------|-----------|--|
| | KD: | | N 1 | | KD: | | 20 | 00000000 | Ë | | N | 000000000 |
| TES | | | - | 00000000 | | | 19 | ****** | | | | 00000000 |
| MINUTE | 586 | | ~ | | 589 | | | | 259 | | 18 | |
| 26 | 5 | | 17 | | 9 | | 17 | | 9. | | | |
| DEGREES | •• | | 16 | | •• | | 16 | 9000000 2000000 20000000000000000000000 | •• | | 3.6 | |
| 31 DE | X | | | 100000000 100000000 100444400 1004644400 | 2 | _ | 15 | 00000000 444000000 4840000000 | X | | 15 | |
| TITUDE | | ATION | 14 | 1 00000000 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | ATION | 14 | | | ATION | 14 | |
| LATIT | .20 | RADI | 13 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | .20 | RADI | 13 | | .20 | RADI | 13 | 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| × | TY: 0 | SOLAR | N | 00000000 00000000 00000000000000000000 | 17: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | |
| ₹. | ECTIVI | HOURLY | 11 | 00000000000000000000000000000000000000 | ECTIVI | HOURLY | 7.7 | | ECTIVI | HOURLY | 11 | |
| OPESS | REFLE | Ħ | 7 0 | 40000000000000000000000000000000000000 | REFLE | Ħ | 3.0 | | REFLE | Ħ | 0 | |
| IDLAND- | | | | 0000000 0000000 0000000 00000000000000 | | | • | ************************************** | | | • | # # # # # # # # # # # # # # # # # # # |
| MIE | | | •0 | | _ | | 40 | 47000000000000000000000000000000000000 | | | •0 | |
| DCATION | 5.81 | | ~ | 666666666 | 7.40 | | 7 | 000000000000000000000000000000000000000 | 9.03 | | | |
| LOCA | . HO: | Œ. | | 000000000 | . HÖ. | E | ٠ | 00000000 | H0: | , | • | |
| | HORIZ | SOUTH | | 000000000 | HORIZ | SOUTH | | | HORIZ. | SOUTH | | |
| | _ | ION: | | 000000000 | ~ | : NOI | | | m | ION: | ď | 00000000 |
| | MONTH: | ORIENTATION | ; | 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | MONTH: | ORIENTAT | ; | 666 666 666 666 666 666 666 666 666 66 | MONTH: | ORIENTAF | | 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 |

| | 0.159 | DAILY TOTAL | RADIATION | 37733335 \$900857504 ~73584576 | 0.154 | DAILY TOTAL | RADIATION | 7777799 444797489 7897981 | 6.149 | DAILY TOTAL | RADIATION | 877774 96-94-1-867-69 884-1-88-1-88-69 884-1-88-1-88-69 |
|-----------|-----------|-------------|-----------|--|-------------|-------------|------------|--|----------|-------------|-----------|--|
| | KD: | | 20 | | χ Ξ | | 20 | | KĎ | | 20 | |
| ES | | | 19 | | | | 19 | | | | 19 | |
| MINUTES | 59 | | 18 | ###################################### | 7.8 | | 3.8 | #0000000 #0000000 60000000 | 86 | | 18 | |
| 56 | 9.0 | | 17 | 20000000000000000000000000000000000000 | 9.6 | | 17 | 000000000000000000000000000000000000000 | 9.6 | | 17 | 00000000 00000000 00000000000000000000 |
| DEGREES | •• | | 16 | 00000000 444444444444444444444444444 | •• | | 16 | | •• | | 16 | 00000000 00000000 00000000000000000000 |
| 31 DE | X | | 15 | 000000000000000000000000000000000000 | KT | | | ************************************** | X | | 15 | 00000000000000000000000000000000000000 |
| TUDE | | ATION | | 1 000000000000000000000000000000000000 | | ATION | 14 | おおおおまててらら ちゅうこの こうきゅう | | ATION | 14 | 00000000000000000000000000000000000000 |
| LATIT | .20 | RADI | 13 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | .20 | RADI | 13 | | .20 | RADIATIO | 13 | 000000000000000000000000000000000000000 |
| × | TY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | | 00000000000000000000000000000000000000 | 17: B | SOLAR | | |
| < | EFLECTIVI | OURLY | 11 | 00.00 | EFLECTIVITY | HOURLY | 11 | 00000000000000000000000000000000000000 | FLECTIVI | HOURLY | 11 | |
| ODESS | REFLE | H | _ | 00.00 | REFLE | 2 | 10 | | REFLE | 유 | 10 | |
| LAKD-ODES | | | _ | 1 000000000000000000000000000000000000 | | | • | 00000000 4000000000 8000000000000000000000000000 | | | | 1 00000000 1 000000000 1 0000000000000 |
| MIDL | | | •0 | 1 000000000000000000000000000000000000 | | | # 0 | 00000000 00000000 000444400 000440048 | | | •• | 00000000 00444400 406700001 |
| LOCATION | 10.48 | | | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 11.30 | | ^ | | 11.57 | | ^ | 100000000 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |
| LOCA | 9 | I | • | 1 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 9 | I | • | 00000000 10000000 10000000 | H0: | I | • | 00000000 110000000 10000000 |
| | HORIZ. | SOUTH | w | 00000000 | HORIZ. | SOUTH | | | HORIZ. | SOUT | 'n | |
| | . | XON: | | 00000000 | 'n | ION: | • | | • | ION: | • | 60666666 |
| | MONTH: | ORIENTAT | i | | MONTH: | ORIENTAT | i | | MONTH: | ORIENTATI | | 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 |

| 56 MINUTES |
|----------------|
| _ |
| DEGREES |
| 31 |
| LATITUDE |
| × |
| MIDLAND-ODESSA |
| LOCATION |

| 9.157 | DAILY TOTAL | RADIATION | 777779999 547779999 54779999 5479999 5479999 | 0.156 | DAILY TOTAL | RADIATION | 86.66.62 61.66.66 61.66. | 0.162 | DAILY TOTAL | RADIATION | N4040404 \$0440404 H04604044 |
|----------|-------------|-----------|--|--------|-------------|-----------|--|--------|-------------|------------|---|
| KD: | | 20 | | KD: | | | 00000000 | ΚĐ | | 20 | |
| | | _ | | | | 19 | 00000000 | | | | |
| 667 | | 18 | 00000000000000000000000000000000000000 | 670 | | 18 | 00000000000000000000000000000000000000 | 8 4 8 | | 18 | |
| - | | 17 | 00000000000000000000000000000000000000 | - | | 17 | | • | | ~ (| |
| | | 76 | | •• | | 16 | | •• | | 16 | 0000000 000000 000000 000000 00000 |
| K | | 15 | 00000000000000000000000000000000000000 | K | | 15 | | X | | 15 | 00000000000000000000000000000000000000 |
| | ATION | 14 | | | ATION | 14 | 6 10106705 | | ATION | | |
| .29 | RADI | 13 | 000000000000000000000000000000000000 | .20 | RADI | 13 | 00000000 00000000 000000000 000000000 | .20 | RADI | | 00.00 00 |
| 17: 0 | SOLAR | 12 | 0000000000 4040400000 | 17: 0 | SOLAR | 12 | 1 000000000000000000000000000000000000 | 1Y: 0 | SOLAR | 12 | |
| ECTIVITY | HOURLY | 11 | | CTIVI | OURLY | | 00000000000000000000000000000000000000 | ECTIVI | HOURLY | | 00000000000000000000000000000000000000 |
| REFLE | H | 0 ; | 000000000000000000000000000000000000000 | REFLE | 웊 | 10 | 00.73 00.73 00.73 00.72 | REFLE | H | 10 | 00 00 00 00 00 00 00 00 00 00 00 00 00 |
| | | ۰ | 1 00000000 1 000000000 1 000000000 1 00000000 | | | • | | | | • | 20000000000000000000000000000000000000 |
| | | *0 | 1 0000000 1 0 0 0 0 0 0 0 0 0 1 0 0 0 0 | | | | 00000000000000000000000000000000000000 | | | • | 00000000 11000000000 1100000000000 |
| 11.29 | | ~ | 000000000 0000000000000000000000000 | 10.40 | | ^ | 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 8.97 | | ~ | |
| H0: | I | | 000000000000000000000000000000000000 | 9 | = | 9 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | H0 | = | • | |
| HOR 12. | SOUTI | s | 1 | HORIZ. | SOUTH | 'n | 00000000 | HORIZ. | SOUTH | S | 00000000 |
| 7 | TION: | • | 90009000 | •0 | TION: | • | 00000000 | • | TION: | _ | 90000000 |
| HONTH: | ORIENTA | | 11000000000000000000000000000000000000 | HONTH: | ORIENTATI | | T | MONTH: | ORIENTA | | 10000000000000000000000000000000000000 |

LOCATION MIDLAND-ODESSA TX LATITUDE 31 DEGREES 56 MINUTES

| 0.159 | DAILY TOTAL | RADIATION | | 0.163 | DAILY TOTAL | RADIATION | ๛ ๛๛๛๛๛๛ ๛๛๛๛๛๛๛๛ ๛๛๛๛๛๛๛๛ | 0.172 | DAILY TOTAL | RADIATION | BB 4446555 |
|-------------|-------------|-----------|--|-----------|-------------|-----------|---|----------|-------------|-----------|---|
| ΚĎ | | N | 00000000 | KD: | | | | ä | | | |
| | | - | | | | 13 | | | | 13 | |
| 658 | | | | 642 | | | | 609 | | | |
| • | | 17 | | • | | 17 | | • | | 17 | 99999999 |
| Ë | | 36 | | Ë | | - | 0000000 | <u>:</u> | | 16 | |
| * | 2 | | | × | 2 | 15 | | × | 2 | 15 | 0000000 0000000 0000000000000000000000 |
| | DIATION | | 0000000 | | IATIO | 14 | 00000000 40000000 60000000 | | IATIO | * | |
| 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | | 0.20 | RRAD | 13 | 00000000000000000000000000000000000000 |
| | SOLA | \sim | | •• | SOLA | 12 | 00000000 00000000000000000000000000000 | •• | SOLA | 12 | 000000000000000000000000000000000000000 |
| EFLECTIVITY | HOURLY | 11 | 00000000 00000000000000000000000000 | LECTIVITY | HOURLY | | 00000000 0000000 0000000 0000000 | ECTIVITY | OURLY | | 00.000 |
| REFL | Ξ | 10 | 000000000000000000000000000000000000000 | REFL | Î | 10 | | REFL | Ī | 10 | 20000000 40000000 400000000000000000000 |
| | | • | | | | • | 00000000 WAAANNUNN | | | 6 | unggagagnin |
| • | | ** | | 2 | | •• | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | •0 | | • | 000000000000000000000000000000000000000 |
| 7.2 | | ~ | | 5.7 | | ~ | | 5.1 | | 1 | |
| 5 | H. | | | 5 | H | • | ==================================== | . HO: | оптн | 9 | 00000000 |
| HORIZ | SOUTH | | 00000000 | HOR12 | SOUTH | | **** | HORIZ | SOU | 2 | |
| 10 | T ION: | | 67666665 | = | TION: | | | 12 | TION: | | 00000000 |
| MONTH: | ORIENTATI | | | MONTH: | ORIENTA | | 00000000000000000000000000000000000000 | HONTH: | ORIENTA | - | 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |

| | 0.184 | DAILY TOTAL | RADIATION | 22000000000000000000000000000000000000 | 0.185 | DAILY TOTAL | RADIATION | NUNERA 44 NU NO 000000000000000000000000000000000000 | 0.186 | DAILY TOTAL | RADIATION | 4444444 047, 04, 04, 04, 04, 04, 04, 04, 04, 04, 04 |
|-------|--------|-------------|-----------|--|--------|-------------|-----------|--|--------|-------------|-----------|---|
| | KD: | | | 00000000 | ΚĎ | | 2 | 00000000 | KD: | | C) | 00000000 |
| TES | | | 19 | 00000000 | | | 19 | 000000000 | | | 19 | 00000000 |
| MINUT | 111 | | ¢ ; | 00000000 | 0 + 0 | | 18 | 00000000 | 63 | | 80 | |
| 57 | 4.0 | | 17 | | 9.0 | | 17 | | 9.6 | | 17 | |
| GREES | •• | | 16 | 000000000000000000000000000000000000000 | •• | | | 00.23 | •• | | - | 200000000000000000000000000000000000000 |
| 29 DE | X | | 15 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | K | | 15 | พิพพิพพิพพพ | X | | 5 | 000000000000000000000000000000000000000 |
| UDE | | ATION | 14 | 000000000000000000000000000000000000000 | | ATION | | 00000000 44444444 8899899 | | ATION | | 00000000000000000000000000000000000000 |
| LATIT | .20 | RADI | 13 | 000000000000000000000000000000000000000 | .20 | RADI | 13 | 00000000 4444 44 | .20 | RADI | 13 | 00.50 00.61 00.60 00.50 00.50 |
| × | TY: 0 | SOLAR | 12 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | TY: 0 | SOLAR | 12 | 00000000000000000000000000000000000000 | TY: 0 | SOLAR | 12 | 00.63 |
| | CTIVI | OURLY | ~ | 00000000000000000000000000000000000000 | CTIVI | OURLY | 11 | | CTIVI | OURLY | 11 | 00.50 |
| THUR | REFLE | 9 | 10 | 0000000 000000 00000000000000000000000 | REFLE | HO | 10 | 00 00 00 00 00 00 00 00 00 00 00 00 00 | REFLE | Н0 | - | 00.00 00 |
| T AR | | | 6 | | | | 0 | 000000 000000 000000000000000000000000 | | | 6 | 000000000000000000000000000000000000000 |
| POR | _ | | ∞ | 0000000 | | | 80 | 00.23 | | | ∞ | |
| NOIL | 6.14 | | 7 | | 7.67 | | 7 | 0.05 0.05 0.07 0.07 0.07 0.07 0.08 | 9.21 | | 7 | 000000000000000000000000000000000000000 |
| LOCAT | . HO: | ±. | | | . HO: | ŧ | 9 | | H0: | ,= | 9 | |
| | HORIZ | SOUT | | 00000000 | HORIZ | SOUTH | 'n | | HORIZ. | SOUT | ľ | 000000000 |
| | _ | :NOI | | | 2 | :NOI | | 00000000 | ۳ | :NOI | | |
| | MONTH: | ORIENTAT | - | 25.00 25.00 25.00 35.00 45.00 60.00 | MONTH: | ORIENTAT | | 20 10 10 10 10 10 10 10 10 10 10 10 10 10 | MONTH: | ORIENTAT | i | 00000000000000000000000000000000000000 |

| | 0.187 | DAILY TOTAL | RADIATION | % W W W W & & & & & & & & & & & & & & & | 0.185 | DAILY TOTAL | RADIATION | NNNNNNA4N •••••••••••••••••••••••••••••••••••• | 0.181 | DAILY TOTAL | RADIATION | ๑๑๗๗๗๗๗ ๔๓ |
|-------|--------|-------------|-----------|---|-------------|-------------|-----------|--|------------|-------------|------------|---|
| | KD: | | CV. | 000000000 | KĐ: | | N 1 | 00000000 | KD: | | | 00000000 |
| 1ES | | | _ | 000000000 | | | | 00000000 | | | 19 | |
| MINUT | 481 | | 18 | 00000000 00000000 4888000000 | 523 | | 18 | 0000000 000000 87784444 | 551 | | | 00.000000000000000000000000000000000000 |
| 57 | 0.0 | | 17 | 00.15 | 0 | | 17 | 0.22 0.12 0.12 0.13 0.13 | 0 | | | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 |
| GREES | •• | | 16 | 00000000000000000000000000000000000000 | | | 91 | 0.334 0.337 0.337 0.338 0.231 331 | : · | | 16 | 00.42 00.34 00.35 00.35 00.22 |
| 29 DE | X | _ | 15 | | × | _ | | บบบบจจจจพ | <u> </u> | _ | 15 | 00.00 00 |
| LUDE | | ATION | 14 | 000000 00000 00000 00000 0000 0000 0000 0000 | | IATION | 14 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | | IATION | 14 | 00000000000000000000000000000000000000 |
| LATIT | 02.0 | RADI | 13 | : - | 0.50 | R RAD | | | 0.20 | R RAD | 13 | 00.00 00 |
| × | ITY: 0 | SOLAR | 12 | | ITY: 0 | SOLAR | ~ | 0.73 0.73 0.73 0.73 0.66 0.66 0.66 | ITY: (| SOLAF | 12 | 00.73 |
| | ECTIV] | OURLY | 11 | | ECTIV] | OURLY | ~ | 0.71 0.71 0.68 0.68 0.584 0.584 | ECTIV] | OURLY | 11 | 00.00 00 |
| THUR | REFL | ř | 10 | | REFL | Ŧ | 10 | 4000000000 | REFL | Ī | 0 | 00000000000000000000000000000000000000 |
| RT AR | | | 0 | 00000000 144444444 677604804 | | | 0 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | | | 0 | 00000000000000000000000000000000000000 |
| PO | 9 | | •• | 00000000 00000000 00000000 | 6 23 | | •0 | 00000000000000000000000000000000000000 | ~ | | 9 0 | 00000000000000000000000000000000000000 |
| ATION | 10.56 | | 7 | 000000000000000000000000000000000000000 | 11.28 | | ~ | 00.222 00.222 00.128 01.15 01.15 | 11.5 | | 7 | 000000000000000000000000000000000000000 |
| 1007 | . но: | TH. | 9 | | . но | 1.H | 9 | 000000000000000000000000000000000000000 | : 0H · | H | 9 | 000000000000000000000000000000000000000 |
| | HORIZ | 200 | | | HORIZ | SOUT | | | HORIZ | 200 | Ŋ | |
| | 4 | TION: | | 00000000 | 'n | TION: | | 00000000 | 9 | TION: | | 00000000 |
| | MONTH: | ORIENTAL | ; | 220.00 220.00 330.00 60.00 60.00 60.00 | :HINCW | ORIENTA | ; | 200 000 000 000 000 000 000 000 000 000 | MONTH | DRIENTA | į | 711- 0.00 20.00 30.00 50.00 50.00 60.00 |

| | 0.186 | DAILY TOTAL | RADIATION | ろろろろう ウィック・シャン・シャン・シャン・シャン・リック・ロック・ロック・ロック・ロック・ロック・ファック・ファック・ファック・ファック・ファック・ファック・ファック・ファ | 0.185 | DAILY TOTAL | RADIATION | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 0.184 | DAILY TOTAL | RADIATION | 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |
|----------|---------|-------------|-----------|--|----------|-------------|-----------|--|---------|-------------|-----------|--|
| | KD: | | 2 | 00000000 | Ä Ö | | O | 00000000 | Ë | | N 1 | 000000000 |
| MINUTES | 517 | | 18 1 | 00000000 00000000 00000000 | 523 | | 7 | 00000000000000000000000000000000000000 | 526 | | 18 1 | |
| ES 57 | 0.5 | | 17 | 0000000 | 0.5 | | 17 | 58 0 0 1 1 2 8 8 9 9 1 1 2 8 8 9 9 1 1 2 8 9 9 1 1 2 8 9 9 1 1 2 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 | 0.5 | | 17 | |
| DEGREE | KT: | | - | 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | KT: | | 5 16 | | KT: | | - | 4445 44800.32 44800.33 44800.33 44800.33 4500.33 4500.33 |
| UDE 29 | | NOIL | _ | 00000000000000000000000000000000000000 | | ATION | 14 1 | 450 000 000 000 000 000 000 000 000 000 | | NOIL | 14 1 | 60100000000000000000000000000000000000 |
| LATITU | 0.20 | R RADIA | 13 | | 0.20 | R RADI | 13 | 566899711 | 0.20 | R RADIA | 13 | 476006891 |
| ¥ | VITY: | Y SOLA | 12 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | VITY: | Y SOLA | 12 | 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | VITY: | Y SOLA | 12 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| UR | EFLECTI | HOURL | | | EFLECTI | HOURL | - | | EFLECTI | HOURL | 0 1 | 661100.00 661100.00 661100.00 661100.00 |
| Z ARTHUR | ΩĽ | | 0 | 00.00 0.00 0.00 0.00 0.00 0.00 0.00 0. | œ | | | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | OZ. | | 6 | 000000000000000000000000000000000000000 |
| N POR | 56 | | ∞ | 2000 8 8 9 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 | 47 | | ∞ • | 1 0 .28 L 0 .2 | 15 | | •• | 2222222 0000000 0000000000000000000000 |
| OCATIO | 0: 11.3 | | 7 | 000000000000000000000000000000000000000 | 0: 10. | | 7 | 00000 | 0: 9.] | | 7 | |
| ٦ | ORIZ. H | SOUTH | | | ORIZ. HI | SOUTH | | | RIZ. H | SOUTH | 2 | |
| | 7 HC | : NOI | | 00000000 | 8 | : NOI | | | 0н 6 | :NOI. | J | 00000000 |
| | MONTH: | ORIENTAT | ; | 220.00 220.00 220.00 220.00 20.00 20.00 | HINOM: | ORIENTAT | | 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | MONTH: | ORIENTAT | ; | 220.00 220.00 325.00 50.00 50.00 60.00 |

| | 0.181 | DAILY TOTAL | RADIATION | 4.54. 9.00. | 0.7. | : -: -: | | 0.188 | DAILY TOTAL | RADIATION | 0 | 4. | ∞ ⊂ | .0. | 4.16 4.21 4.17 | 1 | 0.185 | DAILY TOTAL | RADIATION | 258888888 8788888 78888888 |
|-----------|--------|-------------|-----------|----------------------------|--------|-------------------------|---|--------|-------------|-----------|--------|----------------|---------------------|---------------------|-------------------------|----------|--------|-------------|-----------|---|
| | KD: | | 20 | | | • • | • • | χ : | | 20 | • | | • | | 200 | 1 | χ Θ | | 20 | |
| TES | | | ~ I | 000 | | | | | | - | • | | • | | | • | | | 19 | 00000000 |
| 57 MINUTE | 0.551 | | ~ 1 | 06 0.0 07 0.0 07 0.0 | 888 | | | 0.493 | | 1 | 10. | | 900 | | | ; | 0.431 | | 7 18 | |
| EES | | | 6 1 | 23 0. 26 0. 28 0. | 2300. | 300 | 30 00 0 | | | 6 1 | 14 0. | 17 0. 19 0. | 20 0. | 22 0. | 2330 | <u>.</u> | | | .6 | 004040 |
| 9 DEGR | KT: | | | | 0 85. | | .47 | KT: | | 15 1 | . 28 0 | .32 0 | . 37 | 39 0 | 0 0 0 0 4 4 0 4 6 | • | KT: | | - • | 00000000000000000000000000000000000000 |
| UDE 2 | | ATION | ~ | 0.56 0 | .625 | 5.63 | 9. | | IATION | 14 | .38 | 44 | 6.4 | 52 | 0.52 | ٠, | | IATION | | 00000000 00000000 00000000 000000000 |
| LATIT | 0.20 | R RADI | 13 | 0.59 | 7 | | · • | 0.20 | R RADI | 13 | 0.4 | ם כ תית | , 0 , 10 , 10 | 0.0 | 0.00 |) | 0.20 | R RAD | 13 | 00000000 00000000000000000000000000000 |
| × | ITY: | SOLA | 12 | 0.62 | 7.00 | | | ITY: | SOLA | | 4.0 | 0 c | 90 | 9.0 | 0.63 | | /ITY: | SOLA | - | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| | LECTIV | HOURLY | 11 | 1 0.59 6 0.65 0 0.69 | 000 | | . 9 | LECTIV | HOURLY | 11 | 0.4 | ם היה | 9 | 0.0 | 3 0.60 | - | LECTIV | HOURLY | | W44444WW |
| RTHUR | REFI | _ | 10 | 30.00 | 8.00.6 | 9 9 0 9 0 0 9 0 0 | 2 C C C C C C C C C C C C C C C C C C C | REF | | ~ | 8 0.3 | 2 0 0 0 | 700 | 8 6 9 6 7 7 7 | 000 | n. • | REFL | | - | 22222222222222222222222222222222222222 |
| ORT A | | | | N 20 0 | 000 | 500 | | | | _ | 4 0 | 00 | 000 | 25 | 23 0 .4 | | | | | 000000000000000000000000000000000000000 |
| P NC | . 56 | | | 06 0.2 07 0.2 07 0.2 | | | | . 10 | | | 10. | | | 00 | 000 | : | . 52 | | | |
| OCATIO | H0: 7 | | • | 000 | | | 00 | 9 :0 | | y | 0 | 000 | 90 | 00 | 000 | 5 | 0: 5 | | 9 | 00000000 |
| _ | RIZ. H | SOUTH | | 000 | | 000 | 00 | RIZ. H | SOUTH | ī | | | 90 | - | 000 | . | RIZ. H | SOUTH | ĸ | |
| | HOY | ÷ | | 000 | | 000 | | Н | : NO | J | 0 | | . e. | 0 , 0 | 000 | o. | HORI | Z | ঙ | 00000000 |
| | : 10 | TATIO | | ဗေဓင | | 00 | | : 11 | ATI | | c | | | | 000 | | : 12 | ITATIO | | |
| | MONTH | ORIEN | | P.000 | | N 0 | 0.0 0.0 | MONTH | ORIENT | | _ | | 5 V | 00 | 50.00 | 0.0 | MONTH | ORIENT | | 7117 200.00 220.00 330.00 330.00 40.00 |

| | 0.186 | DAILY TOTAL | RADIATION | พพพจจจจจ | 0.187 | DAILY TOTAL | RADIATION | 84444444 84444444 844444444 84444444444 | 0.180 | DAILY TOTAL | RADIATION | មាលមួយមួយមួយ ១៤ម៉ាប់ដូចមួយ មាលម្ភាស់មួយមួយ |
|----------|--------|--------------|-----------|---|--------|-------------|-----------|---|---------|-------------|-----------|--|
| | KD: | | 20 | 00000000 | KD: | | | 00000000 | ΚĎ | | 50 | 00000000 |
| res | | | 19 | 00000000 | | | | | | | 19 | |
| MINUTE | 13 | | 18 | 00000000 | 60 | | | 00000000 | 121 | | 18 | |
| 22 | 0.5 | | 17 | | 0.5 | | 17 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 0.5 | | 11 | N444444NN |
| GREES | •• | | 16 | | •• | | _ | กลุกกลุกกลุก | •• | | 16 | |
| 31 DE | X | | ~ | CUNUNUA444 \$CU\$\$\$CHCC | K | | 15 | 00 00 00 00 00 00 00 00 00 00 00 00 00 | KT | | 15 | 4000000044 40000000464 |
| TUDE | | ATION | | I ጌፋፋህህህህህህ I ውፋውጣሪፋህህህ I | | ATION | | 4000000000 6000000000000000000000000000 | | ATION | J | Დ Დ����������������������������������� |
| LATIT | .20 | RADI | 13 | 45550000000 4570000000 | .20 | RADI | 13 | 400440040 | .20 | RADI | 13 | こてまななななまる |
| × | 1Y: 0 | SOLAR | 12 | 40000000 6000040000 | TY: 0 | SOLAR | 12 | 00000000000000000000000000000000000000 | TY: 0 | SOLAR | 12 | 69467777 |
| • | CTIVI | OURLY | 11 | 45550000000 65776100000 | CTIVI | DURLY | ~ | \u00da | ECTIVI. | HOURLY | 11 | 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 |
| 0. | REFLE(| HOH | 10 | เ ๑๔๑๚๚๚ฃฃฃ เ | REFLE(| HOH | 10 | 45500000000000000000000000000000000000 | REFLE(| HOH | | |
| ANGEL | _ | | 6 | 18048860400 | - | | • | WW G W A A A A A W W G W A A A A A A A A A A A A A A A A | _ | | 0 | 4 พ.พ.พ.พ.พ.พ. 7 อ น ผ ผ ผ ผ ผ ผ ผ ผ ผ ผ ผ ผ ผ ผ ผ ผ ผ ผ |
| SAN | | | ∞ | 00000000000000000000000000000000000000 | | | ® | 00.00 00 | | | •0 | 00 00 00 00 00 00 00 00 00 00 00 00 00 |
| NOI | 5.91 | | _ | | 7.48 | | 7 | 00.000000000000000000000000000000000000 | 9.08 | | ~ | 000000000000000000000000000000000000 |
| LOCATION | но: | | | | : OH | Ŧ | 9 | 000000000 | H0: | - | | |
| | HORIZ. | SOUTI | Ŋ | | HORIZ. | SOUTI | Ŋ | 00000000 | HORIZ. | SOUTH | | |
| | Ŧ | : N O | • | 00000000 | 2 E | : NO | 4 | 00000000 | ž K | 0 | • | |
| | HINOH: | ORIENTATI | • | 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | MONTH: | ORIENTATI | | 65 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | MONTH: | ORIENTATI | i | 220.00 220.00 320.00 440.00 60.00 |

| | 0.180 | DAILY TOTAL | RADIATION | ນທູບທູບທູບທູດ ຄົວວະກຸ່ວຈຸດ ພຸຊຸດທູດພຸຄຸຄຸຄຸ | 0.179 | DAILY TOTAL | RADIATION | \$\$\$\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | 0.175 | DAILY TOTAL | RADIATION | 66666666666666666666666666666666666666 |
|-------|--------|-------------|-----------|---|--------|-------------|-----------|---|--------|-------------|-----------|---|
| | KĎ: | | 20 | | KD: | | | 00000000 | KĐ: | | | 00000000 |
| ES | | | | 00000000 | | | | 00000000 | | | 0 | |
| MINUT | 55 | | 18 | | 29 | | 8 | | 96 | | 18 | |
| 22 | 0.5 | | 17 | 00.100 | 6.5 | | 17 | 00.00 00.00 00.00 01.00 01.00 01.00 | 0.5 | | | 00.22 00.22 00.22 00.13 00.13 |
| GREES | •• | | 16 | | •• | | 16 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | •• | | 16 | |
| 31 DE | X | | | 00000000 | K. | | 7 | 00000000 0.0000000 0.000000000 0.0000000000 | × | | | 00000000000000000000000000000000000000 |
| UDE | | ATION | 14 | 000000 000000 0000000 00000000 | | ATION | 14 | 000000 00000 00000 00000 00000 00000 | | ATION | 14 | 0.50 0.50 0.50 0.50 |
| LATIT | .20 | RADI | _ | 00.75 | .20 | RADI | 13 | 00.72 | .20 | RADI | 13 | 00.74 |
| × | 7Y: 0 | SOLAR | 12 | 00.75 | TY: 0 | SOLAR | 12 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | TY: 0 | SOLAR | \vdash | 00000000000000000000000000000000000000 |
| | CTIVI | OURLY | 11 | | CTIVI | OURLY | 7 | 0.77 | CTIVI | URLY | | 00.82 00.72 00.74 00.72 00.65 |
| ELO | REFLE | Ħ | 10 | | REFLE | ¥ | 10 | 00.00 00 | REFLE | H0 | 3 0 | 00.50 00.50 00.50 00.50 |
| ANG | | | • | 00000000 00000000 00000000 000000000 | | | | 00000000000000000000000000000000000000 | | | | 246000000000000000000000000000000000000 |
| SAN | | | • | 00000000 100000000 1000000000000 10000000000 | | | | 0000000 000000 0000000 000000000000000 | | | •• | 000000 00000 00000 00000 00000 |
| NOT L | 10.51 | | 7 | 000000000000000000000000000000000000000 | 11.30 | | 2 | 000000000000000000000000000000000000000 | 11.56 | | 7 | 00.22 |
| LOCAI | H0: | æ | 9 | 44mmm222 | H0: | Ŧ | • | 00.000000000000000000000000000000000000 | : OH | Ŧ | 9 | 00.007 |
| | HORIZ. | SOUT | | 00000000 | HORIZ. | SOUT | | 00000000 | HORIZ. | SOUT | rU. | 000000000000000000000000000000000000000 |
| | • | : NOI. | • | 00000000 | iv. | : NOI. | | | 9 | : NOT | 4 | |
| | MONTH: | ORIENTAT | | 11[- 10.00 10.00 320.00 35.00 50.00 60.00 | MONTH: | ORIENTAT | | 110.0 10.0 220.00 330.00 440.00 60.00 | MONTH: | ORIENTAL | | 1117 10.00 20.00 30.00 35.00 51.00 |

| | .175 | TOTA | TION | 6640m8604 645608560 | .175 | TOTA | 710N | 8489112234 508933999 | * 179 | TOTA | TION | 9245555555 42455555555 |
|----------|--------|----------|-------|---|----------|---------|-----------|--|----------|----------|-------|---|
| | • | DAILY | RADIA | ๛ ๛๛๛๛๛๛๛ | • | DAILY | RADIA | စ်စ်စ်စ်စ်က်က်က် မှ | 6 | DAILY | RADIA | ம்ம்ம் ம்ம்ம் |
| | KD: | | ~ | 00000000 | KD: | | | 00000000 | ΚĎ | | | 000000000 |
| res | | | | 00000000 | | | | 00000000 | | | | 000000000 |
| MINUTES | 93 | | 18 | 000000000 | 56 | | 18 | 000000000000000000000000000000000000000 | 61 | | ~ | |
| S 22 | 0.5 | | 17 | | 0.5 | | | 00.21 | 9.5 | | _ | 00000000000000000000000000000000000000 |
| EGREES | ÷ | | 16 | 00000000 4444wwww 22000000 | <u>:</u> | | - | 0000000 444 20000000 200000000000000000 | Ë | | . 4 | 000000000 |
| 31 D | ¥ | - | 15 | | ¥ | ~ | 15 | 00000000 00000000 000000000000000000 | ₩. | _ | 15 | 00000000 440000000044 400000000044 |
| UDE | | ATION | 14 | | | ATION | 14 | 0.72 0.72 0.72 0.71 0.53 0.63 0.63 | | ATION | 14 | 000000000000000000000000000000000000000 |
| LATIT | 0.20 | R RADI | 13 | | 1.20 | RADI | 13 | 0.78 0.81 0.81 0.81 0.81 0.78 0.76 | .20 | RADI | 13 | 00.75 |
| X | ITY: (| SOLAF | 12 | | TY: 0 | SOLAR | 12 | 00000000000000000000000000000000000000 | TY: 0 | SOLAR | | 0 7 7 0 0 7 7 8 0 0 7 7 8 0 0 7 7 7 0 0 7 7 7 7 |
| | CTIV | OURLY | 11 | | ECTIVI | HOURLY | | | CTIVI | OURLY | - | 0.75 0.75 0.75 0.75 0.75 0.75 |
| ELO | REFLE | ¥ | 10 | 00.72 | REFLE | Ħ | 10 | | REFLE | H | 0 | 00000000000000000000000000000000000000 |
| N ANG | | | • | 00000000 0000000 000000000 00000000000 | | | 6 | 00000000000000000000000000000000000000 | | | 6 | 00.000. |
| SAI | | | ∞ | 00000000000000000000000000000000000000 | | | • | 00.38 00.38 00.38 00.38 00.38 00.38 00.38 00.38 | | | • | |
| LOCATION | 11.28 | | ^ | 00.25 | 10.43 | | 7 | 0.21 00.22 00.13 00.13 00.17 | 9.02 | | 7 | 00000000000000000000000000000000000000 |
| 7007 | . HO: | Ξ | | 00000000 00000000 00000000 | H0: | ∓ | 9 | 00000000000000000000000000000000000000 | н0: | Ŧ | | |
| | HORIZ | SOUT | | | HORIZ. | SOUTH | | 00000000 | HORIZ. | SOUTH | | 000000000 |
| | ^ | TION: | | 00000000 | € | TION: | | 00000000 | ∽ | TION | | |
| | MONTH: | ORIENTA' | ; | 11 1 1 1 1 1 1 1 1 1 | MONTH: | ORIENTA | - | 225.00 235.00 336.00 69.00 | MONTH: | ORIENTAL | ; | 110 100 100 220 300 300 400 600 600 600 600 600 600 |

| | 0.178 | DAILY TOTAL | RADIATION | 44555555 040105555 084774850 | 0.179 | DAILY TOTAL | RADIATION | ww444444 C:::::::::::::::::::::::::::::: | 0.183 | DAILY TOTAL | RADIATION | 00000000000000000000000000000000000000 |
|----------|--------|-------------|-----------|--|----------|-------------|-----------|--|----------|-------------|-----------|--|
| | KD: | | | | KD: | | | 00000000 | K Ö | | | 0000000 |
| TES | | | 19 | | | | 19 | | | | 19 | 00000000 |
| MINUTE | 572 | | 18 | | 561 | | 18 | 00000000 | 535 | | 18 | |
| S 22 | 0 | | 17 | | 6 | | 17 | 000000000000000000000000000000000000000 | 6 | | 17 | 00000000 |
| EGREE | ÷ | | ~ | 22.00000000000000000000000000000000000 | :- | | 16 | 41.00 60.00 72.00 72.00 72.00 72.00 | <u>:</u> | | 16 | |
| 31 D | ¥ | 7 | 15 | 00000000 W4444WW44 | × | 2 | 15 | 00000000 00000000 00000000000000000000 | ¥ | 2 | 15 | 00000000000000000000000000000000000000 |
| TITUDE | | IATION | 14 | | | IATION | 14 | | | IATION | 14 | |
| LATI | 0.20 | R RADI | 13 | | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | 400000000 |
| × | ITY: (| SOLA | 2 | 0000000 000000 000000 0000000 | TY: (| SOLA | 12 | | ITY: (| SOLA | | 74.000 74.000 74.000 74.000 74.000 74.000 74.000 74.000 74.000 |
| | ECTIV | HOURLY | 11 | | ECTIV | HOURLY | 11 | | ECTIV | OURLY | 11 | |
| ELO | REFL | Ĭ | 10 | 0000000 0000000 00000000 00000000 | REFLI | Ĭ | 10 | | REFLI | Ĭ | 7 | 00000000 0000000 00000000 000000000000 |
| N ANGELD | | | 6 | 000000000 W4444NNN44 | | | 0 | 00000000 00000000 00000000000000000000 | | | 6 | 00000000000000000000000000000000000000 |
| SAI | _ | | | 00000000000000000000000000000000000000 | _ | | •0 | 22.00 22.00 22.00 22.00 22.00 22.00 | _ | | •0 | 000114 |
| LOCATION | 7.3 | | 7 | 000000000 | ري 80 | | 7 | 00000000 | 5.2 | | 7 | 00000000 |
| 100 | . HO: | Ŧ | • | 00000000 | . HO: | Ŧ | | | . HO: | Ŧ | • | 00000000 |
| | HORIZ | SOUT | 8 | 00000000 | HORIZ | SOUTH | 70 | | HORIZ | SOUT | | 00000000 |
| | 10 | TION: | | 00000000 | 11 | TION: | 4 | 00000000 | 12 | TION: | | 00000000 |
| | MONTH: | ORIENTA | i | 7117 0.0 20.00 25.00 35.00 40.00 61.00 | MONTH: | ORIENTA | : | 1111 0.0 10.00 20.00 35.00 35.00 40.00 | MONTH: | ORIENTA | ; | 11.1 0.0 20.00 25.00 35.00 50.00 |

| 32 MINUTES |
|-------------|
| 29 DEGREES |
| LATITUDE |
| ¥ |
| SAN ANTONIO |
| LOCATION |

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| 0.177 | DAILY TOTAL | RADIATION | ************************************** | 0.176 | DAILY TOTAL | RADIATION | \$\$\$\$\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | 0.179 | DAILY TOTAL | RADIATION | գուսուսուսու ຂໍ້ນານຕໍ່ຕູ້ເປັນກໍ່ນໍວ ສວ່າໄຈສະນານຈ |
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| 1.20 | RAD | 13 | 00.738 | .20 | RADI | | 0.76 0.78 0.80 0.78 0.78 0.76 0.76 | .20 | RADI | 13 | 0.66 0.71 0.75 0.75 0.75 0.75 0.75 |
| [TY: 0 | SOLAR | 12 | 667748888 295749HD | TY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | |
| ECTIVI | OURLY | 11 | 0.75 0.75 0.75 0.75 0.75 0.55 | ECTIVI | OURLY | | 0.76 0.79 0.80 0.80 0.78 0.78 0.76 | CTIVI | URLY | 11 | |
| REFL | Ĭ | 10 | 0.71 | REFLE | ¥ | 10 | 0.68 0.71 0.71 0.70 0.69 0.67 0.63 | REFLE | 유 | 10 | NO 0 0 0 0 0 0 |
| | | 6 | 00000000000000000000000000000000000000 | | | 6 | | | | 6 | 440000000004 |
| | | - 1 | 20000000000000000000000000000000000000 | | | | 00.39 00.39 00.33 00.33 00.33 00.33 | | | €0 | 000000000000000000000000000000000000000 |
| 11.30 | | 7 | 00.23 | 10.33 | | | 0.21 0.21 0.13 0.18 0.18 0.12 | 8.80 | | ~ 1 | 00.113 |
| :0н | I | 9 | 0.00 | H0: | I | • | AAMMMMMNN | но: | x | • i | |
| HORIZ. | SOUT | 1 | 00000000 | HORIZ. | SOUT | ī. | 00000000 | HORIZ. | SOUT | 3 | 000000000 |
| 7 | IION: | | 00000000 | •0 | TION: | | 00000000 | 6 | : NOI | | 00000000 |
| MONTH: | ORIENTA | F | 220.00 330.00 45.00 60.00 | HONTH: | ORIENTA | ~ | 10.00 220.00 350.00 40.00 60.00 | MONTH: | ORIENTAT | _ | 225.00 225.00 330.00 450.00 60.00 |

| | 0.178 | DAILY TOTAL | RADIATION | 4444NNNNN 0486411 08N008440 | 0.184 | DAILY TOTAL | RADIATION | CNUNA444 6W C W H C W 44 8 8 8 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 0.187 | DAILY TOTA | RADIATION | 00mmmmmm nrm.4.6.4.6 480m46481 |
|---------|----------|-------------|-----------|---|------------|-------------|-----------|---|--------------|------------|-----------|--|
| | KD: | | | 00000000 | KD: | | 20 | 00000000 | ξĎ | | 20 | 00000000 |
| TES | | | 19 | 00000000 | | | 19 | 00000000 | | | 19 | 00000000 |
| MINUT | 568 | | | 00000000 | 529 | | 18 | 00000000 | 481 | | 18 | |
| 5 43 | 9. | | | 0.04 | 6 | | 17 | 00000000 | | | 17 | |
| EGREE | <u>:</u> | | - | 10000000000000000000000000000000000000 | <u>.</u> | | 16 | 00.2200 | Ë | | 16 | |
| 33 D | ¥ | z | 15 | 00000000 00000000 00000000 | × | 7 | 15 | 00000000000000000000000000000000000000 | ¥ | 2 | 15 | |
| TUDE | | IATION | 14 | 00000000 0000000 00000000 | | IATIO | | 00000000 w.4.4.w.w.w.w.v.v.v. #4.4.w.4.w.v.v.v.v.v.v.v.v.v.v.v.v.v.v.v. | | IATION | 14 | |
| LATI | 0.20 | R RAD | 13 | 0000000 000000 0000000 0000000 | 0.20 | R RAD | 13 | 0000000 4444666666666666666666666666666 | 0.23 | R RAD | 13 | with a red red red red red |
| × | ITY: | SOLA | 12 | 000000000000000000000000000000000000000 | ITY: | SOLA | 12 | 0000000 440000000 7400000000 | 1 Y : | SOLAI | _ | 66000000 4440000000 664000000000 |
| | ECTIV | DURLY | 11 | 000000 00000 00000 00000 00000 00000 0000 | ECTIV | HOURLY | | 0000000 4000000 40000000 40000000 | ECTIVI | OURLY | 11 | 000000 00000 00000 00000 00000 00000 |
| | REFL | 9 | 10 | 00000000 00000000 0000000000 | REFL | Ĭ | 10 | 00000000 w444000000 846000000 | REFL | Ī | 10 | |
| ERMAN | | | 6 | U2000000 U20000000 W4444444 V00V80000 | | | | 00000000000000000000000000000000000000 | | | | 00000000 0000000 000000000000000000000 |
| SH | J. | | •• | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | e 0 | | •0 | 000000000000000000000000000000000000000 | 7 | | •0 | 00000C000 04444444444444444444444444444 |
| OCATION | 7.0 | | | 20000000000000000000000000000000000000 | 5.4 | | | | 40 | | 7 | 000000000 |
| רסכי | . H0 : | TH | 9 | | . HÖ. | TH. | • | | . HC: | TH. | • | |
| | HORIZ | SOUTI | Ŋ | | HORIZ | SOUT | 2 | | HORIZ | SOUT | S | 000000000 |
| | 10 | TION: | | 00000000 | 11 | ATION: | | 00000000 | 12 | TION: | | 00000000 |
| | MONTH: | ORIENTA | ; | 11 | MONTH: | ORIENTA | ; | 20000000000000000000000000000000000000 | MONTH: | ORIENTA | - | 220.00 220.00 320.00 330.00 60.00 60.00 |

| | 0.185 | DAILY TOTAL | RADIATION | 20222222222222222222222222222222222222 | 0.186 | DAILY TOTA | RADIATION | 8888888999 | 0.188 | DAILY TOTA | RADIATION | 44444444 11, 80 0 0 8 8 0 0 0 0 4 80 11 10 0 4 10 0 |
|-------|--------|-------------|-----------|--|--------|------------|-----------|---|--------|------------|-----------|---|
| | KD: | | 20 | 00000000 | χ Θ | | 20 | 00000000 | KD: | | | 00000000 |
| res | | | 19 | 00000000 | | | | 000000000 | | | 19 | 000000000 |
| TUNIT | \$ | | - | 000000000 | 49 | | | 00000000 | .97 | | 38 | 20000000 |
| 37 | 4.0 | | | | 4.0 | | | 0.05 0.05 0.007 0.007 0.007 0.008 | 4.0 | | 17 | |
| GREES | | | - | 00 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | ·• | | • | 00000000 00000000000000000000000000000 | | | 91 | 00.23 00.33 00.33 00.33 00.33 00.27 |
| 31 DE | K | | 15 | 0000000 000000000000000000000000000000 | X | | | 00000000 00000000 000000000000000000 | KT | | 15 | 000000000000000000000000000000000000000 |
| UDE | | ATION | 14 | 00000000 1 | | ATION | 14 | 00.51 00.51 00.51 00.51 00.51 | | ATION | | 00000000000000000000000000000000000000 |
| LATIT | .20 | RADI | 13 | 0000000 | .20 | RADI | 13 | 0000000 4.00000000 5.0000000000000000000 | .20 | RADI | 13 | |
| × | TY: 0 | SOLAR | 12 | 0000000 1 | TY: 0 | SOLAR | \vdash | 00.00 | TY: 0 | SOLAR | ~ | 00.00 |
| | ECTIVI | URLY | 11 | . 44400000 . 444000000 . 000000000000000 | CTIVI | URLY | 11 | 00000000000000000000000000000000000000 | CTIVI | URLY | 11 | 0000000 0000000 0000000000000000000000 |
| | REFLE | H | 0 | 000000000 00000000 00000000000 | REFLE | 9 | 10 | 00.00 24.00 00.00 00.00 00.00 00.00 00.00 00.00 | REFLE | H | 10 | 00000000000000000000000000000000000000 |
| 0.0 | | | 0 | 00000000 00000000 0000000000 4000000000 | | | 6 | 0.33 0.33 0.33 0.45 0.45 0.33 0.33 | | | 6 | 24247744 24247444 242677222 |
| WAC | •• | | • | 24.000000000000000000000000000000000000 | | | ∞ | 00.00 00 | | | | 00000000000000000000000000000000000000 |
| ATION | 5.86 | | ٢ | | 7.44 | | | 0.05 0.06 0.06 0.07 0.07 0.07 0.08 | 9.06 | | ~ | C0000000 |
| L 0 C | . HO: | T.H | | 00000000 | . HO: | TH | • | | . HO: | T.H. | 9 | |
| | HORIZ | Sou | 7 | | HORIZ | SOU | Ŋ | | HORIZ | nos | ις. | 000000000 |
| | ~ | :NOI | 4 | | 2 | :NOI. | J | 00000000 | m | ION: | 4 | |
| | MONTH: | CRIENTAT | ; | 220.00 220.00 330.00 230.00 | MONTH: | ORIENTAT | ; | 225.00 225.00 225.00 225.00 20.00 60.00 | MONTH: | ORIENTAT | | 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 |

| | 0.187 | DAILY TOTAL | RADIATION | υνννννγγγ 10.00 | 0.188 | DAILY TOTAL | RADIATION | νινινιν-4-κ νιν-12-1 | 0.177 | DAILY TOTAL | RADIATION | 66666666666666666666666666666666666666 |
|-------|--------|-------------|-----------|--|-------------|-------------|-----------|--|--------|-------------|-----------|---|
| | KD: | | 0 | 00000000 | KĐ: | | 20 | 00000000 | KD: | | | |
| ES | | | - | 00000000 | | | 61 | 00000000 | | | | |
| MINUT | 48 | | ₩ | 00000000 00000000 00000000000000000000 | 95 | | 18 | | 92 | | 18 | 00.000. |
| 37 | 4.0 | | 17 | 00000 1 0000 1 0000 1 0000 1 0000 1 0000 1 0000 1 0000 1 0000 1 0000 1 00000 1 0000 1 0000 1 0000 1 0000 1 0000 1 0000 1 0000 1 0000 1 00000 1 0000 1 0000 1 0000 1 0000 1 0000 1 0000 1 0000 1 0000 1 00000 1 0000 1 | 4.0 | | 17 | | 0.5 | | 17 | 00.23 |
| GREES | •• | | - | 00000000000000000000000000000000000000 | . ** | | 16 | 00000000000000000000000000000000000000 | •• | | - | 00000000000000000000000000000000000000 |
| 31 DE | X | _ | 15 | 000000 000000 0000000 0000000000000000 | X | _ | 15 | | X | | 15 | 000000000000000000000000000000000000000 |
| TUDE | | ATION | 14 | | | ATION | 14 | | | ATION | 14 | 0.71 0.71 0.66 0.66 0.65 0.55 |
| LATIT | 1.20 | RADI | 13 | | 1.20 | RADI | 13 | | 1.20 | RADI | 13 | 0.79 0.74 0.72 0.72 0.69 0.63 |
| × | TY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | | :TY: 0 | SOLAR | 12 | 00.72 00.72 00.75 00.75 00.75 00.75 |
| | ECTIVI | OUELY | 11 | 0.000000000000000000000000000000000000 | ECTIVI | OURLY | 11 | 000000000 | CTIVI | HOURLY | 11 | 0.72 0.72 0.72 0.69 0.63 |
| | REFLE | Ŧ | 10 | 00.00 00 | REFLE | Ŧ | | | REFLE | Ħ | 10 | 0.71 0.72 0.66 0.66 0.52 0.52 0.53 |
| 03 | | | 6 | 00.00 00 | | | 6 | 00000000 0004444 00087 | | | 6 | 00000000000000000000000000000000000000 |
| MAC | _ | | ∞ | 00000000000000000000000000000000000000 | | | | 00000000000000000000000000000000000000 | _ | | 60 | 00000000000000000000000000000000000000 |
| TION | 10.50 | | 7 | 00.15 00.15 00.15 00.15 00.15 | 11.30 | | 7 | 0.159 0.159 0.159 0.159 0.159 | 11.57 | | | 0.28 0.22 0.22 0.19 0.17 |
| LOCA | . но | Ξ | 9 | 0.003 | . HO: | Ξ | | 00000000 0000000 87200000 | : CH | H | 9 | 00.00 |
| | HORIZ | sour | | 00000000 | HORIZ | SOUTH | 5 | 600000000 600000000 | HORIZ. | Sour | 5 | |
| | • | TION: | | | 'n | :NOI | 4 | 00000000 | • | :NOI | J | 00000000 |
| | HONTH: | ORIENTAT | ; | 1117 0.0 10.00 25.00 35.00 46.00 60.00 | MONTH: | ORIENTAT | ; | 110 100 220 330 330 550 60 60 60 60 60 | NONTH: | ORIENTAT | | 111 120 225 30 30 60 60 60 60 60 60 |

| | 0.175 | DAILY TOTAL | RADIATION | 66.66 66.67 66.67 66.68 67 67 67 67 67 67 67 67 67 67 67 67 67 | 0.175 | DAILY TOTAL | RADIATION | 66929228898 | 0.179 | DAILY TOTAL | RADIATION | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ |
|---------|--------|-------------|-----------|--|--------|-------------|-----------|---|--------|-------------|------------|---|
| | KD: | | | 00000000 | χ Ω | | 20 | 00000000 | KD: | | 20 | 00000000 |
| ES | | | | 00000000 | | | 19 | 00000000 | | | | 00000000 |
| MINUT | 95 | | 18 | | 93 | | 18 | | 61 | | 18 | 00000000 |
| 37 | 0.5 | | 1.7 | 000000000000000000000000000000000000000 | 0.5 | | 17 | 11088011 | 0.5 | | 7 | 1233444433 |
| GREES | | | 16 | 24444 2000 2000 2000 2000 2000 2000 200 | | | 16 | 74mmmmm2 00ee8r | | | 16 | |
| 31 DEC | X T | | 15 | 1 4 9 4 9 4 9 4 9 9 9 9 9 9 9 9 9 9 9 9 | KT. | | 15 | | ΚŢ | | 15 | 40000000044 4000000000004 |
| UDE | | TION | - | | | TION | 14 | 1 | | TION | ~ 1 | |
| ATITU | 20 | RADIA | | 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 | 20 | RADIA | 13 | | 20 | RADIA | | 67777 7755 7755 7755 775 |
| Σ | Y: 0. | OLAR | 12 | 1 | Y: 0. | OLAR | ~ | 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Y: 0. | OLAR | | 77000777 |
| - | TIVIT | URLY S | - | 1 | TIVIT | URLY S | | | TIVIT | RLY S | i | |
| | EFLEC | нэс | 0 | | EFLEC | ноп | | | EFLEC | ноп | 10 | 9000000000 |
| | œ | | 6 | 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | œ | | | | œ | | | 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| WACO | | | | 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | | | | 90000000000 | | | ∞ | 10000000000000000000000000000000000000 |
| ION | 1.28 | | | 000000000000000000000000000000000000000 | 0.42 | | 7 | 1. 1. 2. 2. 1. 2. 2. 1. 1. 2. 2. 1. 1. 2. 2. 1. 1. 2. 2. 1. 1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. | 00.6 | | 7 | WF + 44 4 W B B B B B B B B B B B B B B B B |
| LOCATIO | HO: 1 | | | 000000000000000000000000000000000000000 | HO: 1(| | | 60000000 | H0: | | | |
| _ | ۲. | OUTH | | | 12. + | ОИТН | | | 12. 1 | ОПТН | | 00000000 |
| | HORI | S | | | HOR | 2(| | 00000000 | HOR | SC | | |
| | 7 | TION: | | | •0 | TION: | | 00000000 | 6 | TION: | | 00000000 |
| | MCNTH: | ORIENTA | , | 4111 00.00 225.00 340.00 440.00 60.00 | MONTH: | ORIENTA | ; | 22222222222222222222222222222222222222 | MONTH: | ORIENTA | ; | 111. 10.0 220.00 330.00 350.00 40.00 |

| | 0.180 | DAILY TOTAL | RADIATION | 444 N.N.N.N.N.N.N.N.N.N.N.N.N.N.N.N.N.N. | 0.185 | DAILY TOTAL | RAPIATION | WWW44444 0400 | 0.187 | DAILY TOTAL | RADIATION | 2282848488 5682846 862812426 |
|---------|--------|-------------|-----------|--|----------|-------------|-----------|---|--------|-------------|-----------|--|
| | KD: | | 20 | 000000000 | χ Ω | | | 00000000 | KD: | | 20 | 00000000 |
| NUTES | | | - | | | | | 00000000 | | | 19 | 00000000 |
| MINU | 555 | | 18 | 00000000 | 518 | | - | 00000000 | 484 | | 18 | |
| 3 37 | 0 | | 17 | 000000000000000000000000000000000000000 | 0 | | 17 | 0.0000000000000000000000000000000000000 | 0 | | 17 | 00000000 |
| GREE | ·· | | 16 | 00000000000000000000000000000000000000 | <u>:</u> | | 16 | 0.153 | Ë | | _ | 00.150 |
| 31 DE | X | | 15 | 000000000000000000000000000000000000000 | Ş | | 15 | 00.23 00.33 00.33 00.34 00.44 | Z | | <u>~</u> | 00000000000000000000000000000000000000 |
| TUDE | | ATION | 14 | 00000000000000000000000000000000000000 | | ATION | ~ | 0000000 w.44w.v.v.v.v.v. www.mw.v.v.v.v. | | ATION | 14 | 88.000 88.000 88.000 88.000 88.000 88.000 88.000 |
| LATIT | .20 | RADI | 13 | 00.00 | .20 | RADI | 13 | 000000 4.00000 5.50000 6.00000 6.00000 6.00000 | .20 | RADI | 3 | 00000000 0444460000 0444460000 |
| × | TY: 0 | SOLAR | 12 | 00.000 | TY: 0 | SOLAR | 12 | 000000 400000 600000 600000 600000 | TY: 0 | SOLAR | 12 | 24.000000000000000000000000000000000000 |
| | CTIVI | OURLY | _ | 00000000000000000000000000000000000000 | ECTIVI | URLY | | | CTIVI | URLY | 11 | 00000000000000000000000000000000000000 |
| | REFLE | H | 0.7 | 000000000000000000000000000000000000000 | REFLE | HO | 10 | 000000 00000 00000 00000 00000 00000 0000 | REFLE | HO | 10 | 00000000000000000000000000000000000000 |
| 0 | | | σ. | 000000000 000000000 0000000000000000 | | | 6 | 00.00 00.00 00.00 00.40 | | | 6 | 00000000000000000000000000000000000000 |
| MAC | | | •0 | 00000000000000000000000000000000000000 | 2 | | •0 | 0.113 0.220 0.220 0.223 0.223 0.224 | m | | •0 | 000000000000000000000000000000000000000 |
| OCATION | 7.34 | | 7 | 20000000000000000000000000000000000000 | 5.8 | | 7 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 5.23 | | | 00000000 |
| 1007 | . но: | H | _ | 000000000 | . H0: | Ŧ | 9 | 00000000 | . но: | T.H. | | |
| | HORIZ | SOU | | | HORIZ | SOUT | | 000000000000000000000000000000000000000 | HORIZ | Sou | | |
| | 13 | TION: | | 00000000 | 11 | TION: | | 00000000 | 12 | 110N: | 4 | |
| | MONTH: | ORIENTA | | 222 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 | MONTH: | ORIENTA | i | 60000000000000000000000000000000000000 | MONTH: | ORIENTA | | 225 000 000 000 000 000 000 000 000 000 |

| | 0.188 | DAILY TOTAL | RADIATION | 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | 0.188 | DAILY TOTAL | RADIATION | WW444444 RW22W44R44W WW2WH7H&V | 0.184 | DAILY TOTAL | RADIATION | 4405050544 69.1111034 40.41111034 40.44 |
|---------|--------|-------------|-----------|---|--------|-------------|-----------|--|--------|-------------|-----------|--|
| | KD: | | 2 | 00000000 | χ Έ | | 20 | 00000000 | KD: | | 20 | 00000000 |
| res | | | ~ | | | | _ | 00000000 | | | ~ | 00000000 |
| MINUT | 96 | | - | 00000000 | 86 | | 18 | | 979 | | 18 | |
| 58 | 4.0 | | ~ | | 4.0 | | 17 | 0.05 0.05 0.06 0.07 0.07 0.07 | 0.5 | | ~ | 00.113 |
| GREES | •• | | 16 | 00000000000000000000000000000000000000 | ·• | | - | 00.25 00.25 00.25 00.25 00.25 00.25 | •• | | 16 | 0.32 0.32 0.32 0.32 0.33 |
| 33 DE | K | | 15 | | X | | 15 | | X | | _ | 00000000000000000000000000000000000000 |
| UDE | | ATION | 14 | 1 000000000000000000000000000000000000 | | ATION | 14 | | | ATION | 14 | 000000000000000000000000000000000000000 |
| LATIT | .20 | RADI | 13 | | .20 | RADI | 13 | | .20 | RADI | | 000000000000000000000000000000000000000 |
| × | TY: 0 | SOLAR | 12 | 1 40 00 00 00 00 00 00 00 00 00 00 00 00 | 1Y: 0 | SOLAR | 12 | | 17: 0 | SOLAR | ~ | 00.64 00.72 00.72 00.72 00.69 |
| | CTIVI | URLY | 11 | 1 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | CTIVI | OURLY | 11 | SONDOONIUM | CTIVI | URLY | 11 | 000000000000000000000000000000000000000 |
| FALLS | REFLE | H | 10 | | REFLE | H | 10 | น้าเก็บเก็บเก็บเก็ | REFLE | 9 | 10 | |
| CHITA | | | | | | | φ. | 0000000 | | | 6 | 00000000000000000000000000000000000000 |
| MIC | | | | 000000000000000000000000000000000000000 | | | •0 | 00.25 | | | ₩ | 00.32 |
| OCATION | 5.47 | | | 000000000 | 7.11 | | | 0.0000000000000000000000000000000000000 | 8.83 | | 7 | 000000000000000000000000000000000000000 |
| 1007 | . но: | Ξ | | | H0: | Ξ | | | H0: | ; = | 9 | |
| | HORIZ | SOUT | | 000000000 | HORIZ. | SOUTI | Ŋ | | HOR12. | SOUTI | | 000000000 |
| | _ | 10N: | | | 2 | ION: | | 00000000 | м | :NOI | | 800000000 |
| | MONTH: | ORIENTAL | ; | 11 L1 0.0 220.0 25.0 35.0 60.0 60.0 60.0 60.0 | MONTH: | ORIENTAT | ; | 116- 100- 100- 100- 100- 100- 100- 100- | MONTH: | ORIENTAT | | 60000000000000000000000000000000000000 |

| 58 MINUTES |
|---------------|
| 33 DEGREES |
| LATITUDE |
| × |
| WICHITA FALLS |
| LOCATION WI |
| ت |

| 0.183 | DAILY TOTAL | RADIATION | พพพพพพพ พ.จ.จ.พ.พ.พ.พ.พ. ๑.๑.๑.พ.๑.พ.๛.พ. | 0.179 | DAILY TOTAL | RADIATION | 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 | 0.173 | DAILY TOTAL | RADIATION | 66666666666666666666666666666666666666 |
|----------|-------------|-----------|---|--------|-------------|-----------|--|---------|----------------|-----------|--|
| Ř Ö | | | | KD: | | | 00000000 | KD: | | N | 00000000 |
| | | | 00000000 | | | _ | 00000000 | | | 19 | |
| 534 | | - | 74000000000000000000000000000000000000 | 299 | | | 000000 00000 000000 000000 | 20 | | 18 | 0.03 0.05 0.05 0.05 0.05 |
| 0 | | 17 | 00.12 | 0.5 | | 17 | 000000000000000000000000000000000000000 | 9.0 | • | | 00.25 |
| : | | 16 | 0.35 0.33 0.33 0.33 | ·• | | 16 | 00 00 00 00 00 00 00 00 00 00 00 00 00 | | | | 00.44 00.44 00.38 00.38 0.31 |
| Σ | _ | 15 | 00.522 | ¥ | | 15 | 00000000 0000000 00000000 0000000 | X | | 15 | 0.622 0.557 0.557 0.557 0.557 |
| | ATION | 7 4 | 00000000000000000000000000000000000000 | | ATION | 14 | | | ATION | 14 | |
| 1.20 | RADI | 13 | 0.659 0.559 | .20 | RADI | 13 | 0.75 0.75 0.75 0.75 0.75 0.75 0.58 | . 20 | RADI | 13 | 0.83 0.83 0.83 0.74 0.74 0.57 |
| VITY: 0 | SOLAR | 12 | 0.71 0.75 0.75 0.73 0.62 | TY: 0 | SOLAR | ~ | 0.78 0.79 0.73 0.75 0.75 0.67 | TY: 0 | SOLAR | 12 | |
| ECT IV | OURLY | 11 | 0.69 0.72 0.72 0.72 0.69 0.65 | ECTIVI | HOURLY | | 0.75 0.75 0.75 0.75 0.75 0.75 0.58 | CTIVI | URLY | | |
| REFL | Ĭ | 10 | 00 00 00 00 00 00 00 00 00 00 00 00 00 | REFLE | ¥ | 10 | | REFLE | HO | ~ 1 | 0.74 0.73 0.73 0.73 0.59 0.59 |
| | | 6 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | 6 | 00 00 00 00 00 00 00 00 00 00 00 00 00 | | | 6 1 | 00000000000000000000000000000000000000 |
| | | €0 (| 0.36 0.35 0.35 0.35 0.30 0.27 | | | ₩ 1 | 00 00 00 00 00 00 00 00 00 00 00 00 00 | | | •O | 00.444 00.444 00.388 00.388 00.388 |
| 10.4 | | 7 | 0.20 0.13 0.13 0.14 0.14 | 11.32 | | 7 | | 11.63 | | 7 | 00.28 00.25 00.25 00.25 00.25 00.15 |
| . HO: | E | 9 | 00000000000000000000000000000000000000 | ÷0: | Ξ | 9 | 0.03 0.03 0.03 0.05 0.05 0.05 0.05 | HG: | , . | 9 | 00.000 |
| HORIZ | SOUTH | - 1 | | HORIZ | SOUT | 2 | 00000000 | HORIZ. | SOUT | 2 | 00.001 |
| ÷ | TION: | | | 5 | TION: | | 00000000 | • | TION: | | 0000000 |
| MONTH: | ORIENTA | - | 225.00 225.00 330.00 60.00 60.00 | MONTH: | ORIENTA | - | 220 220 220 220 200 200 200 200 200 200 | MONTH: | ORIENTAL | _ | 22222222222222222222222222222222222222 |

| 58 MINUTES |
|---------------|
| 33 DEGREES |
| LATITUDE |
| × |
| WICHITA FALLS |
| LOCALION |
| |

| | 0.173 | DAILY TOTAL | RADIATION | & & & & & & & & & & & & & & & & & & & | 0.174 | DAILY TOTAL | RADIATION | ************************************** | 0.177 | DAILY TOTA | RADIATION | พพพพพพพพพพ อนุท์จัจจัจจำ จะจับพยะพจะ |
|-------|--------|-------------|------------|---|--------|-------------|------------|--|--------|------------|-----------|---|
| | KD: | | N | 00000000 | KD: | | (7) | 000000000 | KD: | | 20 | 000000000 |
| ES | | | 19 | | | | 19 | 00000000 | | | 19 | 0000000 |
| MINUT | 604 | | 18 | 00.000000000000000000000000000000000000 | 601 | | 18 | | 575 | | 18 | |
| 58 | 0 | | 17 | 000000000000000000000000000000000000000 | 0.0 | | 17 | | 0 | | | 000000000000000000000000000000000000000 |
| GREES | | | | 00.44000.458 | | | 16 | 0.40 0.41 0.45 0.33 0.33 0.34 0.34 | | | 16 | 00000000000000000000000000000000000000 |
| 33 DE | KT | _ | 15 | | X | _ | 15 | 00000000000000000000000000000000000000 | × | _ | 15 | |
| TUDE | | ATION | 7 | 0.74 0.74 0.73 0.69 0.61 0.61 | | IATION | 14 | | | ATION | 14 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| LATII | 1.20 | RADI | 13 | 20000000000000000000000000000000000000 | 1.20 | RAD | 13 | | 1.20 | RADI | 13 | 00.72 |
| X | TY: 0 | SOLAR | 12 | 80000000000000000000000000000000000000 | 17Y: 0 | SOLAR | 12 | 0.80 0.885 0.885 0.885 0.77 0.77 | TY: 0 | SOLAR | 12 | 00.77000.77000.77000.77000.77000.77000.77000.77000.77000.77000.77000.77000.77000.77000.77000.77000.77000.77000.77000.77000.77000.77000.77000.7 |
| S | ECTIVI | OURLY | 11 | 000000000000000000000000000000000000000 | ECTIVI | OURLY | 11 | | ECTIVI | OURLY | 11 | 0 7 2 0 0 7 2 2 0 0 7 2 2 0 0 7 2 2 0 0 7 2 2 0 0 7 2 6 0 0 7 2 6 0 0 7 2 6 0 0 0 7 3 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| FALL | REFL | Ĭ | 0 ₹ | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | REFL | Ĭ | 10 | 0.7200.723 | REFL | Ĭ | 10 | 0.00 0.65 0.65 0.67 0.67 0.67 0.61 |
| CHITA | | | 0 | 00000000000000000000000000000000000000 | | | 6 | 00000000000000000000000000000000000000 | | | 6 | 66999999999999999999999999999999999999 |
| MI | | | 6 0 | 00000000000000000000000000000000000000 | | | - | 00 00 00 00 00 00 00 00 00 00 00 00 00 | | | ∞ | |
| HOII | 11.30 | | ^ | 000000000000000000000000000000000000000 | 10.32 | | 1 | 00000000000000000000000000000000000000 | 8.78 | | 7 | 00000000000000000000000000000000000000 |
| LOCA | н0. | × | • | 000000000000000000000000000000000000000 | HQ: | ∓ | Ü | 00000000000000000000000000000000000000 | : ОН | I | \$ | |
| | HORIZ. | 5001 | | | HORIZ. | SOUT | | 00000000 | HORIZ. | SOUT | 2 | 00000000 |
| | ~ | TION: | | 00000000 | *0 | ION: | | 00000000 | • | :NOI | | |
| | MONTH: | ORTENTAL | ; | 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | MONTH: | ORIENTAT | ; | 00000000000000000000000000000000000000 | MONTH: | ORIENTAT | i | 110. 10.00 20.00 30.00 55.00 56.00 60.00 60.00 |

| | 0.177 | DAILY TOTAL | RADIATION | 6.55 5.05 7.05 111 103 | www | 0.180 | DAILY TOTAL | RADIATION | WWW.44444 0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0 | 0.185 | DAILY TOTAL | RADIATION | 4.44 W W W W W W W W W W W W W W W W W W |
|---------|----------|-------------|-----------|--------------------------------------|---------------|----------|-------------|------------|--|----------|-------------|------------|--|
| | χÖ | | 20 | 60000 | | KD: | | 20 | 00000000 | KD: | | | 00000000 |
| TES | | | - | 00000 | | | | ~ i | 00000000 | | | 19 | |
| MINUL | 581 | | - | 00000 | | 555 | | | 00000000 | 522 | | - 1 | 00000000 |
| 5 58 | 0 | | 17 | 0.05 | 0000 | 6 | | | 000000000 | 9 | | ~ | 00000000 |
| EGREE | <u>:</u> | | 16 | 0.25 0.25 0.28 0.28 | wwww | Ë | | 16 | 000000000000000000000000000000000000000 | <u>:</u> | | | |
| 33 DE | X | ~ | 15 | 00000 84444 84686 | ស់សំសំ | ¥ | - | 15 | Owwwaaaa | ¥ | - | 15 | 0.22 0.32 0.35 0.35 0.35 0.40 0.41 |
| JODE. | | ATION | | 0.57 | 8080 | | ATION | 16 | 24.000000 24.000000000000000000000000000 | | ATION | 14 | |
| LATITUD | .20 | RADI | ~ | 0.59 0.65 0.70 0.72 | <i>ĿĿĿĿ</i> | 0.20 | R RADI | 13 | | .20 | RADI | 13 | |
| X | TY: 0 | SOLAR | 12 | 0.68 0.74 0.76 | ririr. | ITY: (| SOLAF | 2 | 0.50 0.50 0.50 0.70 0.70 0.73 0.73 | ITY: 0 | SOLAR | → 1 | 0.56 0.50 0.50 0.66 0.66 0.66 |
| | ECTIVI | HOURLY | 11 | 0.59 0.65 0.70 0.72 | <i>Liti</i> | ECT IV | OURLY | 11 | | ECT IV | OURLY | | |
| FALLS | REFLE | Ξ | 10 | 0.57 0.63 0.63 6.84 | 9999 | REFL | Ĭ | 10 | | REFL | ¥ | 10 | พ.ส.ส.ส.พ์พัพพั |
| CHITA | | | • | 00000 0.4.4.4. 000000 | بنينين | | | | 00000000 0000000 0000000 0000000000000 | | | 6 | 0.22 0.32 0.35 0.35 0.40 0.41 |
| M | _ | | •0 | 0.23 0.23 0.23 0.28 2.28 | E TO TO TO TO | ·J | | •0 | 00000000000000000000000000000000000000 | m | | 40 | 0.09 0.11 0.15 0.16 0.17 0.18 |
| OCATION | 7.0] | | 7 | 0.05 | 0000 | 5.6 | | 7 | 000000000 | 4.8 | | | 000000000 |
| 1007 | . HO: | Ξ | _ | 0000 | | . HO: | Ŧ | 9 | 000000000 | . HO: | H | | |
| | HORIZ | SOUT | | 00000 | | HORIZ | SOUTH | | | HORIZ | SOU | | |
| | 10 | : NOI1 | | 00000 | | 11 | TION: | | 00000000 | 12 | TION: | | 00000000 |
| | MONTH: | ORIENTA | 1 | | | MONTH: | ORIENTA | ; | - 1 L L L L L L L L L L L L L L L L L L | MONTH: | ORIENTA | ; | 25.00 25.00 30.00 50.00 |

| | 0.175 | DAILY TOTAL | RADIATION | S. W. A. A. B. A. C. W. A. C. W. W. W. W. W. W. W. W. W. W. W. W. W. | 401 | 6.0. | 0.175 | DAILY TOTAL | RADIATION | W 4. 4 W 4. 4 W 4. K | 90 | w.w. | d M | 0.366 | DAILY TOTAL | RADIATION | 56 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 |
|--------|--------|-------------|-----------|---|----------|------|----------|-------------|------------|----------------------------|--------|------|------------|--------|-------------|-----------|---|
| | KD: | | 20 | 0000 | | | ΚĐ | | 20 | 900 | | | | χ Ü | | 20 | 00000000 |
| res | | | | 0000 | | • • | | | 19 | 000 | | | • • | | | 1 | 00000000 |
| MINUT | 594 | | 38 | 0000 | | • • | 593 | | 82 | 900 | | | | 630 | | 18 | |
| 5 42 | 0 | | | 0000 | | • • | 6 | | 17 | 900 | | 0.00 | P. E. | 0 | | 17 | |
| EGREE | :- | | 16 | 0.10 | 22 | ini | <u>:</u> | | 16 | 444 | 10,0 | ww. | i, ii. | Ë | | 16 | |
| 37 DE | ¥ | ~ | 15 | 0.25 | 444 | 44 | × | z | 15 | 0.36 | 44 | نتن | າ. າ. | ¥ | > | 15 | 00000000000000000000000000000000000000 |
| TUDE | | IATION | 14 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 0,00 | 0.0 | | IATION | 14 | | . 4. 4 | 0.0 | ٠. ف م | | IATION | 14 | |
| LATI | 0.20 | R RAD | 13 | 0.46 0.55 0.62 62 | 977 | ~~ | 0.20 | R RAD | 13 | 10.01 | | ~~ | | 0.20 | R RAD | 13 | |
| Ω | ITY: | SOLA | 12 | 0.58 | 7.7. | ~~ | ITY: | SOLA | - | 0.59 | ``` | ~ ∞ | 00 r | ITY: | SOLA | 12 | 00000000000000000000000000000000000000 |
| | ECTIV | OURLY | 11 | 4.00 E | 977 | | ECTIV | HOURLY | 11 | | | ~~ | ·.· | ECTIV | OURLY | 11 | 00000000000000000000000000000000000000 |
| CANYON | REFL | Ī | 10 | 0 . 3 8 . 0 . 0 . 3 8 . 0 . 0 . 5 8 . 0 . 0 . 5 8 . 0 . 0 . 5 8 . 0 . 0 . 5 8 . 0 . 0 . 0 . 0 . 0 . 0 . 0 . 0 . 0 . | ه ه زيدا | | REFL | Ī | 10 | | 9.00 | 9.9 | ٠ <u>٠</u> | REFL | Ī | | 0.63 0.74 0.74 0.74 0.74 0.74 |
| YCE C | | | Φ. | 0.25 | 444 | 44 | | | Φ. | 0.00 | 44 | N. | v.ri | | | • | 94000000000000000000000000000000000000 |
| 88 | 2 | | • | 0.130 | -200 | ini | 7 | | 6 0 | 0.20 | 144 | mm | m in | ٣ | | *0 | 20000000000000000000000000000000000000 |
| ATION | 4.8 | | | 0000 | | | 6.5 | | 7 | 0.00 | | 0.0 | 9.5. | 80 | | 7 | 00000000000000000000000000000000000000 |
| LOCA | . но | TH | | 0000 | | | . HO: | Ŧ | | 000 | | | | . но: | OUTH | • | |
| | HORIZ | Suu | | 0000 | | | HORIZ | SOUTI | | 0.00 | | | | HORIZ | SOU | | |
| | 7 | TION: | | 0000 | | | 2 | TION: | | 000 | | | | m | TION: | | 000000000 |
| | MONTH: | ORIENTA | ; | -000 | | 000 | MCNTH: | OKIENTA | ; | -0.0 | 5 0 5 | | 0.0 | :HINGW | ORIENTA | ; | 2000 2000 2000 2000 2000 2000 2000 200 |

| | 0.159 | DAILY TOTAL | RADIATION | 66.97 7.90.7 7.90.7 6.90.3 8.32 8.32 8.32 8.32 | 0.153 | DAILY TOTAL | RADIATION | 7.777777777777777777777777777777777777 | 0.141 | DAILY TOTAL | RADIALION | 8888777788 |
|--------|------------|-------------|-----------|--|--------|-------------|---------------|--|--------|-------------|-----------|--|
| | Š | | 20 | | KD: | | | 00000000 | Ë | | ~ | 00000000 |
| res | | | 19 | 00000000 | | | 19 | | | | 19 | |
| MINUTE | 8 9 | | 18 | | \$8 | | 18 | 0700000 MH 000000 C000000 | 16 | | 18 | 00000000000000000000000000000000000000 |
| 45 | 9.0 | | 17 | 000000000000000000000000000000000000000 | 9.0 | | 11 | 0000000 0000000 0000000 0000000 | 0.7 | | | 00.35 00.27 00.25 00.25 00.17 |
| EGREES | •• | | 16 | | •• | | ~ | 00000000 0000000 000044400 00000000000 | | | 36 | 000000000 0000000000000000000000000000 |
| 37 DE | X | _ | 15 | | X | | 15 | 20000000000000000000000000000000000000 | X | | 15 | 0.74 0.75 0.70 0.70 0.67 0.58 |
| JON. | | ATION | 14 | 00000000000000000000000000000000000000 | | ATION | 14 | 000000000000000000000000000000000000000 | | ATION | 14 | 80.00000000000000000000000000000000000 |
| LATIT | 1.20 | RADI | 13 | ###################################### | 0.50 | RADI | 13 | 0.994 | 1.20 | RADI | 13 | 00.000 |
| T.O. | ITY: 0 | SULAR | 12 | 00000000000000000000000000000000000000 | ITY: 0 | SOLAR | 12 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | [TY: 0 | SOLAR | 12 | 1.000 1.002 1.002 0.99 0.94 0.87 |
| | ECT IV | OURLY | 11 | | ECTIV | HOURL Y | 7 7 | 000000000000000000000000000000000000000 | ECTIV] | OURLY | 1 1 | 00.000 |
| ANYON | REFLI | Ŧ | | 27.500000 27.500000 27.5000000 27.5000000000000000000000000000000000000 | REFL | Ξ | $\overline{}$ | 00000000000000000000000000000000000000 | REFLI | Ŧ | 10 | 000000000 0000000000 00000000000000000 |
| YCE C | | | • | 000000000 000000000 0000000000000 | | | 0 | 00000000000000000000000000000000000000 | | | 0 | 4.00 |
| E. | - | | •0 | 000000000 444444400 400444400 | - | | •0 | 00000000 00000000 000000000000000 | • | | *0 | 00000000000000000000000000000000000000 |
| ATION | 10.2 | | | 44822222 | 11.3 | | ^ | 00000000 00000000000000000000000000000 | 11.6 | | ^ | 00.03 |
| LOCATI | . HO: | TH. | 9 | 00000000 00000000 00000000 | . H0: | TH. | 9 | 00000000000000000000000000000000000000 | . HO: | H | • | 000000000000000000000000000000000000000 |
| | HOR IZ | SOUT | 'n | 00000000 | HORIZ | SOUT | 5 | | HOR 12 | SOUT | 5 | 000000000000000000000000000000000000000 |
| | J | T I ON: | | 00000000 | 5 | 7 I ON : | | 00000000 | 9 | TION: | | 00000000 |
| | FIGNTH: | ORIENTAL | : | 20000000000000000000000000000000000000 | MONTH: | ORIENTAI | | 22000 20000 20000 20000 20000 20000 20000 20000 | MONTH: | ORIENTAT | ; | - 14 C C C C C C C C C C C C C C C C C C |

| 42 MINUTES | |
|--------------|--|
| 37 DEGREES | |
| LATITUDE | |
| LI | |
| BEYCE CANYON | |
| LOCATION | |
| | |

| | 0.155 | DAILY TOTAL | RADIATION | 9. | <u>.</u> | 'n | | 7.04 | ~ | 7 | 4 | 0.156 | DAILY TOTAL | RADIATION | • | 6.86 7.86 | 7 | ح ب | . 6. | , , | F 40 | 0.138 | DAILY TOTAL | RADIATION | 6.05 | 9 | ٦. | in | ici | ~:• | 9 |
|---------|--------|-------------|-----------|------|----------|-----------|------|------------|-----|------|------|--------|-------------|---------------|-------|-------------------|------|------|---------|------------|---------|----------|-------------|-----------|-------|------|----------|------|-----------------|----------|------------|
| | ΚĎ | | | - | • | • | ٠ | | ٠. | • | • | KD: | | 20 | i | 3 0 0 0 | | • | | ٠ | | Ö. | | 20 | 0.0 | | • | ٠ | | • | • |
| ES | | | 19 | 0.0 | 0. | 0,1 | . c | | 0 | ٥. | ٥. | | | $\overline{}$ | Ĺ | . . | • | • | • • | • | | | | | 9.0 | | • | • | ٠. | • | • |
| MINUT | 11 | | 8 | 0.12 | 7 | 0.0 | ٠, | | . 0 | 6 | • | 11 | | - : | 1 | 0.0 | • | 0.0 | ? 0 | 0.0 | 00 | 22 | | 18 | 00 | | 0. | | 9 0 | 9 | . |
| 42 | 9 | | 17 | ļ | ~ | ų, | , c | 20 | . ~ | ~ | Ξ. | 9.0 | | 17 | 1 | 0.24 | 2 | ώı | iú | ٠. | | 0.7 | | 17 | • | - | ~ | ٦. | . –: | 7. | - |
| GREES | •• | | 16 | 0.51 | 'n. | • | * | . 4 | • | ~ | ۳. | •• | | 16 | 1 1 | 44.0 | .45 | .45 | , K. A. | 42 | 34 | •• | | 16 | mm | | 4 | • | * * | 3. | • |
| 37 DE | X | | 15 | 68 | 69. | 9 | è | 9 | 62 | . 56 | . 49 | K | | 15 | 1 | 652 | . 65 | .65 | . 6. | .62 | | K1 | | 15 | N) 4 | 9 | 4 | ۰ | ب ہ | ψ, | • |
| ITUDE | | ATION | 5.1 | 60 | •0 | * | 0 | | , | ~ | ٠ | | ATION | ~ | 1 1 1 | 36 | .81 | .82 | | .79 | 69. | | ATION | 14 | 4. | • | • | •× | 0 •0 | *0 * | n. |
| LATIT | 02. | RADI | M | 0.90 | ٥. | σ. | · (| ~ ~ | • | • | . 7 | .20 | RADI | 13 | ; | 0.85 | 6. | ٥. ٥ | . 6. | •0 | ю. ~ | .20 | RADI | 13 | 80.0 | | 6. | σ. ο | . 0 | 5. | 7. |
| UT | 1Y: 0 | SOLAR | 12 | 0.93 | ٥. | 6. | ~ (| • | | •0 | . 7 | 1Y: 0 | SOLAR | 12 | 1 | 98.0 | ٥. | Φ, (| . 6. | ٠. | 10 eC | 17: 0 | S01 4R | 12 | 100 a | . 6. | 0. | 0.0 | - 0 | 0. | • |
| | CTIVI | HOURLY | 11 | 06.0 | 6. | 6. | ٠. | · « | • | • | | CTIVI | URLY | 11 | ŀ | 9.00 | • | 6. | . 6. | •0 | 01. | IVI i'Di | HOURLY | 11 | 60.0 | | 6 | φ, α | . 0 | 6. | ~ . |
| NUXNI | REFLE | ¥ | 10 | 0.82 | ₩. | 60 | • | <u>۰</u> « | ; r | ^ | 9. | REFLE | 유 | 10 | 1 | 0.76 | • | 0 | o «. | <u>`</u> ! | · 9. | REFLE | Ξ | 10 | 1.72 | • | ₩. | ∞.• | 0 00 | * | 10 |
| TYCE CA | | | 6 | 39.0 | 9. | 9 | ۰. | ۰ ۷ | | | ٠. | | | • | 1 | 0.62 | 9 | 9. | و ه | 9 | v.v. | | | | 9.56 | 9 | 9 | • | 0 -0 | 9. | 9 |
| 36 | | | 40 | 0.51 | 'n | * | • | . d | . 4 | . " | m. | | | •0 | 1 | 9.00 | • | * | * * | 3 | r. 173 | | | •0 | 0.36 | | 5 | 5,1 | . | | 4 |
| TION | 11.29 | | 7 | 0.32 | | ci | i, | ic | i | ! ~ | | 10.14 | | 7 | ; | 9.50 | ? | ů. | 'n | ~ | | 8.39 | | 7 | | - | : ~: | 7. | → • | | ∹ |
| LOCA | : OH | Ţ. | 9 | 0.12 | 7 | 0 | ٠, ١ | - | · = | 0 | 0 | 9 | I | 9 | | | 0 | 0 | . c | 0. | 00 | ¥0: | H | 9 | 00.0 | ? = | 0 | 0.9 | 9 6 | 0 | 0 |
| | HORIZ. | SOUTI | 50 | 00.0 | 6 | 0 | 0.0 | = = | 9 0 | | 6 | HORIZ. | SOUT | 2 | 1 | 6.6 | | • | | • | | HORIZ. | SUUT | | 0.0 | • | | • | | | • |
| | ^ | ION: | | | | • | ٠ | | ٠ | | | •• | ION: | * | | 0.0 | | • | | • | | • | TION: | J | | • | | • | ٠ | 0.0 | • |
| | MONTH: | ORIENTAT | | 1111 | 0.0 | 0.0 | S. 0 | • | | | 0.0 | NONTH: | ORIENTAT | | _ | 00 | 0 | 5.0 | 5 G | 0.0 | | MONTH: | ORIENTAT | ; | - 0 0 |) C | 5.0 | 0.0 | ر د د | | 6.0 |

| 42 MINUTES |
|--------------|
| 37 DEGREES |
| LATITUDE |
| 10 |
| BRYCE CANYON |
| LOCATION |

| | 0.142 | DAILY TOTAL | RADIATION | ֏ֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈ ֍ֈֈֈֈֈֈֈֈ | 0.157 | DAILY TOTAL | RADIATION | | 0.170 | Y 10T | KADIATION | ೧೯೯೯ № № № № № № 1.00 № № № № № 2.00 № № № № № |
|----------------|------------|-------------|-----------|---|----------|-------------|-----------|--|--------------|----------|-----------|---|
| | KO: | | 20 | | KÖ: | | | 00000000 | ë | | NI | 5555555555 5555555555 |
| TES | | | 19 | | | | 19 | 66666666 | | | | 00000000 |
| MING | 715 | | 82 | 00000000 | 995 | | 18 | 00000000 | 617 | | | |
| S 4 .2 | 6 | | 17 | | • | | 17 | | ė | | | ~~~~~ |
| EGREE | <u>:</u> - | | 16 | | ∷ | | 16 | 00000000 1114666666 11466666666 | - | | 16 | 000000000000000000000000000000000000000 |
| 37 D | ~ | _ | 15 | | ~ | _ | 15 | ************************************* | ¥ | • | | 00000000000000000000000000000000000000 |
| UDE | | ATIOH | 14 | 0000000 000000 0000000 00000000 | | ATION | 14 | 24.00000 24.00000 24.00000 24.00000 24.00000 | | AT | | 000000 000000 00000000 000000000000000 |
| LATIT | 2¢ | RADI | 13 | | 1.20 | RADI | 13 | 00000000 | . 20 | OK (| 13 | 000000000000000000000000000000000000000 |
| 5 | 17: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | 000000000000000000000000000000000000000 | 1 | | 12 | 60000000000000000000000000000000000000 |
| | ECTIVI | OURLY | 11 | 20000000000000000000000000000000000000 | ECT 191 | OURLY | 11 | 000000000000000000000000000000000000000 | ECTIVI | | = = | 00000000000000000000000000000000000000 |
| ANYON | REFL | ¥ | 10 | | REFLI | Ĭ | 10 | 420440000 | REFLE | = | 70 | 60000000000000000000000000000000000000 |
| S E | | | 6 | 00000000 000000000 00000000000000000 | | | 6 | 990969999 000969999 000099999999999999 | | , | - 1 | 00000000000000000000000000000000000000 |
| 89 ₹ | . = | | • | 20000000 20000000000000000000000000000 | | | 80 | | | | | 00.00 |
| HOIL | 95.9 | | 7 | 000000000000000000000000000000000000000 | 4.81 | | _ | 0000000 | 4.18 | ı | ~ | 00000000 |
| LOCA | 9 | Ξ | 9 | 00000000 | . HG: | E | 9 | | HO: | Ŧ | 9 | 60000000 |
| | HORIZ | SOUT | | | HORIZ | SOUT | 5 | | HORIZ | ⊃ | 5 | 00000000 |
| | 10 | ATION: | . | 0 = 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 11 | TION: | 4 | 00000000 | 12 | T I ON | | 00000000 |
| | MONTH: | ORIENTA | : | 60000000000000000000000000000000000000 | MONTH: | ORIENTA | _ | | TLNOE | ORIENTA | _ | 60000000000000000000000000000000000000 |

| | 0.178 | DAILY TOTA | RADIATIO | | 2.78 | × = | | 4, | | €0 | 0.17 | DAILY TOTA | RADIATIO | | 3.72 4.22 4.63 | ~.0 | . 0 ' | 775 | • | 0.17] | DAILY TOTA | RADIATIO | 0.000000000000000000000000000000000000 |
|-----------|------------|------------|----------|---|------|------------|--------|-----|------------|----------|---------|------------|------------|-------------|----------------------|------|-------|----------|----|--------|------------|---------------|---|
| | KD: | | 20 | Ĺ | 000 | • | | ٠ | | • | KD: | | 20 | 1 | 000 | • | | • • | • | KD: | | | |
| TES | | | | 1 | 000 | ٠ | • • | ٠ | | • | | | | | 000 | • | | | • | | | 19 | 00000000 |
| MINUTE | 574 | | 18 | 1 | 0.00 | • | | ٠ | | • | 566 | | 28 | 1 1 | 000 | | | | • | 612 | | 18 | |
| 42 | 0 | | 17 | ı | 000 | • | | ٠ | • | | 0 | | 17 | : | 0.00 0.00 440 | 0.5 | | | • | 9. | | 17 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 |
| GREES | . . | | 16 | ı | 0.10 | | ! == ! | 4 | 'n | | | | | | 0.19 | vic | i | inic | · | ·• | | | 0 34 0 34 0 34 0 34 0 34 0 34 |
| 37 DE | KT | | - | 1 | 0.25 | | 4 | 4. | * * | . | X | | | | 0.34 | 4.4 | • | 4.4 | F. | X | | | 2000000 200000000000000000000000000000 |
| TITUDE | | ATION | 14 | ŀ | 0.37 | نَّر | j | ι | ر د | 9. | | ATION | | . | 0.46 | 10.4 | . 6. | 9.9. | • | | ATION | 14 | 0.72 0.72 0.72 0.72 0.72 |
| LATIT | .20 | RADI | 13 | ŀ | 0.53 | 9.4 | 9.0 | 9. | 0 | | .20 | RADI | | 1 | 0.02 | 91 | | | : | .20 | RADI | $\overline{}$ | 0.81 0.82 0.83 0.83 0.83 0.83 |
| TU | 1Y: 0 | SOLAR | 12 | 1 | 0.47 | ٠. ٧ | 9 | ۲. | ` _ | | 1Y: 0 | SOLAR | | 1 1 | 0.64 | 1.1 | : ^: | | : | TY: 0 | SOLAR | | 00.00 00 |
| | CTIVI | HOURLY | 11 | 1 | 0.53 | ۍ بو | 9 | 9. | 0 1 | | CTIVI | HOURLY | | 1 1 | 0.54 | 91 | : " | | : | CTIVI | HOURLY | 11 | |
| .T | REFLE | ឣ | 10 | 1 | 1.37 | ńκ | نمز | ij | ن ح | 9 | REFLE | 모 | | 1 1 | 0.46 | 3 | 9 | ه. نه. ه | | REFLE | 모 | 10 | 0.72 0.72 0.72 0.72 0.72 0.72 |
| DAR CI | | | 6 | 1 | 0.25 | N, M | | 4. | 3 3 | ** | | | • | | 0.39 | 4. | • | 4.4. | • | | | | |
| CEI | 5 | | ₩ | ŀ | 0.10 | Ξ. | ! ~ . | 7 | in | | | | e 0 | 1 | 0.19 | 4 | i | üüi | | | | •• | 00.34 00.34 00.34 00.34 00.34 00.34 |
| OCATION | 4.8 | | | 1 | 0.00 | • | | • | • | | 6.57 | | 7 | ٠ ¦ | 0.00 | 0.0 | | 0.0.0 | ? | 8.43 | | 7 | 000000 000000 000000000000000000000000 |
| רמכי | . HO: | Ξ | • | | 0.00 | • | | • | • | | H0: | Ξ | | ; | 000 | • | | | • | . HO: | Œ | | |
| | HORIZ | 1,108 | Ŋ | i | 000 | • | | | | | HORIZ | SOUT | 'n | ; ; ; | 000 | • -• | | | • | HORIZ | SOUT | ī. | |
| | | 110N: | | | 000 | • | | • | • | • • | 8 | TION: | | | 000 | | | | | ю | TION: | J | 000000000 |
| | MONTH: | OFIENTA | ; | J | 0.0 | ٠ | 0.0 | 5.0 |) | 0.0 | MONTH: | ORIENTA | | _ | 000 | 0.0 | 50.0 | | • | MONTH: | ORIENTAL | ; | 10.00 10.00 255.00 380.00 450.00 50.00 |

c - 5

| 42 MINUTES |
|------------|
| 37 DEGREES |
| LATITUDE |
| TU |
| CEDAR CITY |
| LION |

| | 0.162 | DAILY TOTAL | RADIATION | 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | 0.152 | DAILY TOTAL | RADIATION | 56.51 56.57 56.57 56.53 56.53 57 | 0.135 | DAILY TOTAL | RADIATION | ************************************** |
|---------|-----------|-------------|-----------|---|--------|-------------|-----------|---|----------|-------------|-----------|---|
| | KD: | | 20 | 00000000 | KĎ | | | 00000000 | ΚĎ | | | 00000000 |
| res | | | 19 | | | | 19 | | | | 19 | |
| MINUT | 545 | | 138 | | 538 | | 3.8 | | 730 | | 18 | |
| 5 42 | 9.0 | | 17 | 000000000000000000000000000000000000000 | 9.0 | | 17 | 0 .32 0 .23 0 .23 0 .23 0 .13 0 .13 | 0 | | 17 | 0.37 0.33 0.23 0.25 0.25 0.25 0.123 |
| EGREES | :- | | 16 | | Ë | | 16 | | <u>:</u> | | 16 | กับกับกับสุดทั้ง |
| 37 D | <u> 2</u> | z | 15 | 00000000 00000000000000000000000000000 | * | z | 15 | | ₩. | z | 15 | 777779999 |
| TUDE | | IATION | 14 | 000000 | | IATIO | 14 | | | IATION | 14 | 000000000000 |
| LATI | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | |
| T.O | ITY: | SOLA | ~ | 00000000000000000000000000000000000000 | ITY: | SOLA | - | 0.988 0.988 0.998 0.998 0.998 | 17: | SOLA | 12 | |
| | ECTIV | PURLY | 11 | | ECTIV | OURLY | | 00000000 | ECTIVI | OURLY | 11 | 000000000 |
| ITY | REFL | I | 10 | | REFL | I | 7 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | REFL | I | | 1 |
| EDAR C | | | | 0000000 00000000 000000000 | | | Φ. | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | | | 6 | 00000000 |
| U | = | | | 1 4 4 4 4 4 4 4 W W W W W W W W W W W W | = | | •0 | 00000000000000000000000000000000000000 | 6 | | | |
| OCATION | 10.2 | | ^ | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | : 11.3 | | 7 | 26 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 11.6 | | 7 | |
| 100 | . HO: | JTH | | | . HO | ООТН | 9 | | HO: | HT | 9 | 001111111111111111111111111111111111111 |
| | HORIZ | Sou | 5 | 000000000 | HORIZ | S0L | | 00000000 | H0R12 | SOUT | S | |
| | J | TION: | | | 'n | TION: | | | 9 | TION: | 4 | 00000000 |
| | MONTH: | ORIENTA | ; | 11 | MONTH: | ORIENTA | į | 25.00 30.00 35.00 40.00 50.00 | MONTH: | ORIENTA | ; | 220.00 220.00 330.00 60.00 60.00 60.00 |

| | 0.149 | DAILY TOTAL | RADIATION | 7.89 7.85 7.68 7.27 7.27 5.39 5.52 | 0.150 | DAILY TOTAL | RADIATION | 7.07 7.34 7.45 7.35 7.09 6.67 | 0.130 | DAILY TOTAL | RADIATION | 6.21 7.21 7.52 7.55 7.50 7.35 |
|--------|--------|-------------|------------|---|--------|-------------|-----------|--|--------|-------------|---------------|--|
| | KD. | | 20 | 00000000 | KD: | | | 0000000 | KD: | | 8 | 000000000 |
| ES | | | 19 | 000000000 | | | 19 | 00000000 | | | ~ | 00000000 |
| MINUT | 66 | | 18 | 00.000 | 16 | | | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | 40 | | | |
| 45 | 9.0 | | | 1122457813 | 9.6 | | | 0.25 0.25 0.25 0.23 0.23 0.21 0.17 | 0.7 | | 11 | 111111111111111111111111111111111111111 |
| GREES | •• | | ~ 1 | I ካሪያ ስራ ሳሳ ሳሳ ሳሳ I ካሪያ ስራ ሳሳ ሳሳ ሳሳ I | | | 16 | 44444444 6000000000 | •• | | $\overline{}$ | 000000 |
| 37 DE(| KT | | 15 | 1 | X | | 15 | | ¥ | | 15 | 50 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 |
| ODE | | ATION | 14 | 000000000000000000000000000000000000 | | ATION | 14 | ८०००००००८८ ८००५५५५०० ० | | ATION | 14 | 7 |
| LATIT | .20 | RADI | 13 | | .20 | RADI | 13 | | .20 | RADI | 13 | |
| U | TY: 0 | SOLAR | 12 | 0.95 0.95 0.95 0.98 0.98 0.98 0.87 | 17: 0 | SOLAR | 12 | | TY: 0 | SOLAR | H | 1.06 1.06 1.06 1.06 |
| | CTIVI | OURLY | 11 | 0.93 0.95 0.95 0.95 0.93 0.75 | CTIVI | OURLY | 11 | | ECTIVI | URLY | 11 | 1.02 1.02 1.00 1.00 1.00 1.00 1.00 |
| 11 | REFLE | H | 10 | 00000000000000000000000000000000000000 | REFLE | H | 10 | 00 00 00 00 00 00 00 00 00 00 00 00 00 | REFLE | HO | - | 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |
| DAR CI | | | • | 0.58 | | | • | 000000 00000 00000 00000 00000 | | | 6 | 00.53 |
| CEL | | | ∞ | 00000000 000000000 0000000000 00000000 | | | •0 | 100000000 14444444 18779999909 | | | Ø | 000000000000000000000000000000000000000 |
| TION | 11.29 | | 7 | 00000000000000000000000000000000000000 | 10.14 | | 7 | 000000000000000000000000000000000000000 | 8.39 | | 7 | 00000000000000000000000000000000000000 |
| LOCA | : OH | I | • | 00.00 | H0: | r | 9 | 00000000 | H0: | I | ø | |
| | HORIZ. | SOUT | | 00000000 | HORIZ. | SOUT | | 00000000 | HORIZ. | SOUT | | |
| | 7 | : NOI | | | •0 | :NOI | | | 6 | :NOI | | |
| | MONTH: | ORIENTAT | ; | 1101 1000 2000 3000 35.00 40.00 | MONTH: | ORIENTAT | į | 110 100 200 200 35.00 40.00 60.00 | MONTH: | ORIENTAT | | 11 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 |

| | 0.143 | DAILY TOTAL | RADIATION | 4 NN 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 0.161 | DAILY TOTAL | RADIATION | m m m m m m m m m m | 0.175 | DAILY TOTAL | RADIATION | 4.1.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4 | | |
|---------|------------|--|-----------|--|--------|-------------|-----------|--|-----------|-------------|-----------|---|--|----------|
| | KD: | | 20 | | Ë | | | 00000000 | KD: | | 20 | | | |
| TES | | | 19 | | | | 19 | 000000000 | | | | 000000000 | | |
| MINUTE | 712 | | | | 651 | | 18 | 00000000 | 592 | | 18 | 00000000 | | |
| 5 42 | | | 17 | 00000000 | | | 17 | 00000000 | 6 | | | 00000000 | | |
| EGREE | - : | | 16 | 00000000 | Ë | | 16 | | KT: | | | 00000000 | | |
| 37 D | ¥ | z | 15 | | × | z | - | 00000000 | ¥ | z | 15 | 00000000 | | |
| TITUDE | | IATION | 14 | | | IATIO | 14 | 400000000 | | IATIC | 14 | 00000000 | | |
| LATI | 0.20 | R RADI | 13 | 1 00000000 | 0.20 | R RAD | - | 0.00 0.70 0.77 0.77 0.00 0.00 0.00 0.00 | 0.20 | R RAD | | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | | |
| T | ITY: | SOLA | 12 | 1 | ITY: | SOLA | 12 | 00000000 | ITY: | SOLA | 12 | 60000000 | | |
| | ECTIV | 0URLY 0.0RLY 0.086 0.960 0.967 0.970 0.970 | OURLY | OURLY | IOURLY | HOURLY | OURLY | 10URL Y | 11 | 00000000 | ECTIV | HOURLY | | 00000000 |
| ITY | REFL | I | 10 | 00000000 | REFL | x | 7 | 00000000 | REFL | I | 10 | 000000000 | | |
| DAR C | | | 6 | a a a a a a a a a a a a a a a a a a a | | | • | 2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00 | | | | 0.3520 | | |
| CE | ب | | •• | 00000000 | = | | •0 | 0.19 0.19 0.23 0.25 0.25 0.25 0.25 | 80 | | | 000000000000000000000000000000000000000 | | |
| OCATION | 9 | | 7 | 0000000 | . 4.8 | | 7 | 00000000 | . 4.1 | | 7 | 00000000 | | |
| 100 | . HO: | ООТН | 9 | 000000000 | . HO | OUTH | 9 | | . H0 | ОПТН | • | | | |
| | HORIZ | 501 | 5 | 6000000000 0000000000 | HORIZ | SOI | ī. | | HORIZ | 201 | ī, | 00000000 | | |
| | 10 | ATION: | | 60000000 | 11 | ATION: | | 000000000 | 12 | ATION: | • | 00000000 | | |
| | MONTH: | ORIENTATI | ; | 11[1 0.0 0.0 220.00 330.00 40.00 60.00 | MONTH: | ORIENT! | ; | 220.00 320.00 30.00 50.00 60.00 | MONTH: | ORIENT! | ; | 10.00 225.00 320.00 450.00 60.00 | | |

| 46 MINUTES |
|------------|
| 40 DEGREES |
| LATITUDE |
| TO |
| LAKE CITY |
| SALT |
| LOCATION |

| 0.186 | DAILY TOTAL | RADIATION | 0.000 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 | 0.186 | DAILY TOTAL | RADIATION | 1500010040 | 0.178 | DAILY TOTAL | RADIATION | AANNNNNNNN NONNANNAH NOODOMO |
|--------|-------------|---------------|---|--------|-------------|-----------|---|-------------------|-------------|------------|---|
| Ä | | ~ | 000000000 | KĐ: | | 2 | | ΚĎ | | 20 | 00000000 |
| | | ~ : | 000000000 | | | ~ | 00000000 | | | _ 1 | 00000000 |
| 995 | | ~ | 000000000 | 511 | | _ | 100000000 | 568 | | 18 | |
| 6 | | }~ | 000000000 | 6 | | ~ | 1 MMMdddddd | 0 | | 17 | 00.12 |
| | | 16 | 0000000 | •• | | 16 | 1 0000000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | 16 | NEWNMENTE |
| K | | | 00.22 00.22 00.22 00.32 00.33 00.33 00.33 | X | | 15 | 00000 000000 00000000000000000000 | X | | ~ 1 | 00 00 00 00 00 00 00 00 00 00 00 00 00 |
| | ATION | 14 | WWW44444 VWV&HWW64 | | ATION | 14 | 00000000 W447WWWWW W46HWW4W4 | | ATION | 14 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ |
| .20 | RADI | 13 | 00.00 00.00 00.00 00.00 00.00 00.00 | .20 | RADI | 13 | 00000000 | . 20 | RADI | 13 | 0.61 0.71 0.72 0.73 0.73 0.74 |
| 17: 0 | SOLAR | 12 | 20000000000000000000000000000000000000 | 17: | SOLAR | 12 | ፋሪኒሪ ላ ላ ላ ላ ላ ላ ላ ላ ላ ላ ላ ላ ላ ላ ላ ላ ላ ላ | TY: 0 | SOLAR | 12 | 0.64 0.74 0.75 0.75 0.77 0.75 |
| ECTIVI | OURLY | 11 | 100000000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | ECTIVI | OURLY | 11 | 1 | ECTIVI | OURLY | | 0.61 0.71 0.72 0.73 0.74 0.73 |
| REFLE | HO | 10 | 000000 000000 000000000000000000000000 | REFLE | 문 | 10 | | REFLE | H | 10 | 00000000000000000000000000000000000000 |
| | | 0 | 00.25 00.25 00.25 00.30 00.31 00.32 | | | | 1 000000000000000000000000000000000000 | | | | 00000000 44400000004 8440000000 |
| | | • | 00.000000000000000000000000000000000000 | | | 60 | 00.00 00 | | | ∞ ! | 00.000. |
| 4.32 | | | 00000000 | 6.10 | | 7 | 1 000000000000000000000000000000000000 | 8.08 | | 7 | 00.13 |
| H0: | Ŧ | | | HO: | Ŧ | | | H0: | x | | |
| HORIZ. | SOUT | | 90000000 | HORIZ. | SOUTH | | 100000000 | HORIZ. | SOUTH | | 00000000 |
| | TION: | ÷ | 00000000 | 8 | rion: | J | 00000000 | - ۳ | : NOI | 5 | |
| MONTH: | ORIENTAL | ; | 111- 10.00 10.00 320.00 40.00 60.00 | MONTH: | ORIENTAT | | 7117 10.00 20.00 30.00 50.00 60.00 | MONTH: | ORIENTAT | | 20000000000000000000000000000000000000 |

| 6 MINUTES |
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| 'n |
| 3 DEGREES |
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| LATITUDE |
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| (E CITY |
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| SALŦ |
| LOCTION |
| |

| 0.175 | DAILY TOTAL | RADIATION | N 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 0.159 | DAILY TOTAL | RADIATION | 7.7.7.7.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3 | 0.152 | DAILY TOTAL | RADIATION | 887777788 60777776 7088884074 |
|----------|-------------|-----------|---|--------|-------------|-----------|--|--------|-------------|-----------|---|
| χĐ | | 20 | 00000000 | Ë | _ | | ********* | KD: | _ | N | 00000000 |
| | | 19 | 00000000 | | | 19 | 0.000000 | | | 19 | 00.000000000000000000000000000000000000 |
| 95 | | 18 | 00000000 | 61 | | 18 | 00.00 00.00 00.00 00.00 00.00 00 00 | 83 | | 18 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 |
| 0.5 | | 17 | 00.222 | 9.0 | | 7 | 00.23 00.23 00.24 00.26 01.29 | 9.0 | | - | 000000000000000000000000000000000000000 |
| | | 16 | 000000000 | | | | UU44444WW CO&806WW8W | •• | | 16 | 00.00 00 |
| KT | | _ | 00000000 0000000 000000 000000 000000 | K | | 15 | 00 00 00 00 00 00 00 00 00 00 00 00 00 | KT | | 15 | 0.72 0.72 0.72 0.66 0.66 0.58 |
| ! | ATION | 14 | 00.71 | | ATION | 14 | 0.77 0.30 0.30 0.77 0.77 0.71 | | ATION | 14 | 00.00 00.00 00.00 00.00 00.73 00.73 |
| .20 | RADI | 13 | 00.000 | .20 | RADI | 13 | | .20 | RADI | 13 | |
| TY: 0 | SOLAR | _ | 00000000000000000000000000000000000000 | TY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | |
| ECTIVITY | OURLY | 11 | 00.000 | CTIVI | URLY | _ | 0.037 0.93 0.93 0.93 0.88 0.88 0.73 | ECTIVI | OURLY | 11 | |
| REFLE | 유 | 10 | | REFLE | 유 | - | V-000000VVV-0 | REFLE | 9 | 10 | |
| | | 6 | 00000000000000000000000000000000000000 | | | Φ. | 00.66 00.66 00.66 00.66 00.67 | | | • | 0.72 0.73 0.68 0.66 0.58 |
| | | •• | 00000000 00000000000000000000000000000 | | | •0 | 000000 000000 004444 00000000000000000 | | | •• | 00000000000000000000000000000000000000 |
| 10.03 | | 7 | 00.222 | 11.27 | | ^ | 0 .32 0 .23 0 .23 0 .24 0 .25 0 .19 | 11.72 | | 7 | 00.34 00.23 00.28 00.26 00.19 |
| H :: | × | | 00000000 00000000000000000000000000000 | . HO: | Ξ | 9 | 0.113 0.03 0.05 0.05 0.05 | H0: | <u>.</u> | • | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 |
| HORIZ. | SOUT | | 00000000 | HORIZ. | SOUTH | S | 0.01 0.01 0.01 0.01 0.01 0.01 | HORIZ. | SOUT | Ŋ | 0.0000000000000000000000000000000000000 |
| 4 | TION: | | 00000000 | 5 | TION: | 4 | 00000000 | 9 | TION: | | 000000000 |
| MONTH: | ORIENTA | - | 225.00 225.00 335.00 60.00 | MONTH: | ORIENTA | ; | 220.00 220.00 320.00 320.00 60.000 60.000 | MONTH: | ORIENTA | - | 10.00 10.00 225.00 330.00 40.00 50.00 |

| 46 MINUTES |
|----------------|
| ₹ |
| 40 DEGREES |
| 40 |
| LATITUDE |
| 'n |
| CITY |
| SALT LAKE CITY |
| SALT |
| LOCATION |

| 0.137 | DAILY TOTAL | RADIATION | 88888 1.288 1.29 1.77 1.48 1.85 1.85 1.85 1.85 1.85 1.85 1.85 1.8 | 0.143 | AILY TOTAL | RADIATION | CCCCCC | 0.138 | AILY TOTAL | RADIATION | 64.30 77.70 8.10 8.10 8.10 8.10 8.10 8.10 8.10 8.1 |
|----------|-------------|---------------|---|--------|------------|-----------|---|----------|------------|-----------|---|
| ξÖ | Q | 20 | | Ë | Ω | 20 | 00000000 | KD: | Ω | 20 | |
| | | 19 | | | | 19 | | | | 19 | |
| 25 | | 60 | | 13 | | 18 | 00000000000000000000000000000000000000 | 23 | | 18 | |
| 0.7 | | 17 | 00.23 00.23 00.23 00.23 00.23 00.23 00.23 | 0.7 | | 17 | 00.22 00.22 00.22 00.22 00.22 00.22 00.22 | 0.7 | | | |
| <u>:</u> | | 16 | 00000000 0000000 0000004440 0000000000 | ÷ | | 16 | . - - | <u>:</u> | | 16 | |
| Σ | _ | 15 | 00007444 | Z | _ | 15 | 0.68 0.68 0.69 0.69 0.64 0.64 | Σ | _ | 15 | 00.55 00.65 00.65 00.65 00.65 00.65 00.65 |
| | A 1 1 0 N | 14 | 7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | ATION | 14 | | | ATION | 5 | |
| .20 | RADI | $\overline{}$ | | .20 | RADI | 13 | | .20 | RADI | 13 | 00000000000000000000000000000000000000 |
| 1Y: 0 | SOLAR | 12 | 80.00 80.00 80.00 80.00 80.00 | 1Y: 0 | SOLAR | 12 | 0.91 1.02 1.02 1.02 0.96 0.96 | 1Y: 0 | SOLAR | 12 | |
| ECTIVI | OURLY | 11 | 20 | ECTIVI | HOURLY | 11 | | CTIVI | OURLY | _ | 000000000000000000000000000000000000000 |
| REFLE | H | | 0 . 9 . 9 . 9 . 9 . 9 . 9 . 9 . 9 . 9 . | REFLE | 유 | - | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | REFLE | Ħ | 10 | 000000000000000000000000000000000000000 |
| | | 6 | 0.73 0.72 0.72 0.68 0.65 0.55 | | | 6 | 0.65 0.68 0.68 0.69 0.69 0.64 0.64 | | | | 0.54 0.65 0.65 0.65 0.65 0.65 0.65 |
| | | •0 | 000000000 000000000 000000000000000000 | • | | •• | 00000000000000000000000000000000000000 | | | €0 | 00000000 00000000 000000000000000000 |
| 11.26 | | ~ | 00.25 00.33 00.25 00.25 00.19 | 9.96 | | 7 | 0.234 0.234 0.234 0.234 0.134 0.144 | 8.04 | | 7 | 20000000 HH. H. H. H. H. H. H. H. H. H. H. H. H. |
| H0: | Ŧ | 9 | 00.04 | P | = | 9 | 000000000000000000000000000000000000000 | H0: | Ŧ | | |
| HORIZ. | SOUT | 'n | 00000000 | HORIZ. | SOUT | | 00000000 | HORIZ. | SOUTH | | 00000000 |
| ^ | 1 1 0 N : | | 00000000 | •0 | TION: | | 00000000 | 6 | 110N: | | |
| MONTH: | ORIENTA | ; | 1111 1000 1000 2500 3500 4000 6000 6000 | MONTH: | ORIENTA | | 60000000000000000000000000000000000000 | MONTH: | ORIENTAT | ; | 20.00 20.00 20.00 20.00 20.00 20.00 20.00 |

| 46 MINUTES |
|------------|
| 40 DEGREES |
| LATITUDE 4 |
| U |
| LAKE CITY |
| SALT |
| LOCATION |

| 0.154 | DAILY TOTAL | RADIATION | 44400000000000000000000000000000000000 | 0.177 | DAILY TOTAL | RADIATION | 400000NND0 | 0.188 | DAILY TOTAL | RADIATION | 10000000000000000000000000000000000000 |
|--------------|-------------|-----------|--|--------|-------------|-----------|--|--------|-------------|-----------|--|
| 2 | • | 20 | | KD: | | | 000000000 | χÖ | | 20 | |
| - E | | 19 | | | | 19 | 000000000 | | | 19 | |
| | | 18 | 00000000 | 580 | | 18 | | 492 | | 18 | 00000000 |
| e S | | 17 | 0.0440.003 | | | | 00000000 | • | | 17 | |
| GREE | | 16 | ! <u> </u> | - | | 16 | 0000000 | - | | 16 | 00000000 |
| 40 DF | • | 15 | ! <i></i> | × | _ | 15 | | ¥ | - | 15 | |
| UDE | ATION | 14 | | | ATION | 14 | 000000 0.44000000 0.440000000 0.4400000000 | | ATION | 14 | |
| ראו וא 20 | • | | 0.991 | .20 | RADI | 5 | | .20 | RADI | 13 | |
| U1 TY: 6 | SOLA | - | 447 448 60 60 60 60 60 60 60 60 60 60 60 60 60 | TY: 0 | SOLAR | 12 | 000000 4400000 4400000 740000 740000 740000 | ITY: 0 | SOLAR | 1 | 0000000 6444000000 80444000000 |
| 7 :CTTVT | <u>.</u> | 11 | 9000000000 | ECTIVI | OURLY | 11 | 0.51 0.53 0.53 0.54 0.54 0.72 | ECTIVI | HOURLY | 11 | 00000000000000000000000000000000000000 |
| E CLIY | i | 10 | | REFL | Ĭ | 10 | 244000000 20000000000000000000000000000 | REFLI | Ħ | 10 | |
| - LA | | 6 | 20000000 240000000000000000000000000000 | | | 6 | 000000 000000 000000000000000000000000 | | | 6 | |
| SAL | | •0 | 0.31 0.32 0.33 0.33 0.33 0.34 | • | | • | 0.07 0.11 0.11 0.11 0.11 0.11 0.11 | | | €0 | 00000000000000000000000000000000000000 |
| .OCATION | • | 7 | 000000000000000000000000000000000000000 | 4.29 | | 7 | | 3.65 | | 7 | 00000000 |
| ב ב ב |) : | 9 | 00000000 | . HO: | Ξ | 9 | 00000000 | H0 | Ξ | 9 | 000000000 |
| HOP 12 | SOUTH | 5 | | HORIZ | SOUT | 5 | 00000000 | HORIZ | SOUT | 5 | 00000000 |
| <u></u> | 38: | 3 | 00000000 | 11 | TION: | \$ | | 12 | :NOI | + | 00000000 |
| MUNITH: | T.A | _ | 200 200 200 200 200 200 200 200 200 200 | MONTH: | ORIENTAT | _ | 22222222222222222222222222222222222222 | MGNTH: | ORIENTATI | - | 20000000000000000000000000000000000000 |

| .429 | 00000000000000000000000000000000000000 | 0.439 17 1 | 118 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 0.474 | 25 0.11 0.00 26 0.12 0.00 28 0.12 0.00 28 0.12 0.00 28 0.12 0.00 28 0.12 0.00 27 0.11 0.00 25 0.11 0.00 |
|-----------------------------------|--|-----------------------------------|---|--------------------------|--|
| 0 ADIATION 3 14 15 | 00000000000000000000000000000000000000 | O KT: ADIATION 3 14 15 | 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | O ADIATION 3 14 1. | 6 0.53 0.47 0.37 0 9 0.57 0.53 0.42 0 3 0.60 0.53 0.42 0 3 0.61 0.54 0.42 0 3 0.61 0.54 0.42 0 3 0.60 0.53 0.42 0 3 0.60 0.53 0.42 0 1 0.59 0.52 0.41 0 |
| LECTIVITY: HOURLY SOL 11 12 | 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | EFLECTIVITY: HOURLY SOL. 10 11 12 | ###################################### | ECTIVITY: OURLY SOL | 54 0 .60 0 .65 0 . |

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DAILY TOTAL

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KÖ:

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| | 0.186 | DAILY TOTAL | RADIATION | 10 10 10 10 0.4.4.4 | 120 | ÷: | • | 0.184 | DAILY TOTAL | RADIATION | 10.10.10.10 10.00.10.10 10.00.10.10.10.10.10.10.10.10.10.10.10.1 | . 4 | ú.∞ú. | 9.182 | DAILY TOTAL | RADIATION | 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 |
|-----------|----------|-------------|-----------|------------------------|-----------|----------------|------------|-------------|-------------|-----------|--|---------|---------|--------|-------------|-----------|--|
| | ΚĎ | | 20 | 000 | | | • | ΚĎ | | 20 | 0000 | | | ä | | 20 | |
| res | | | | 999 | | | • | | | 19 | 0000 | | 000 | | | 19 | |
| MINUTES | 515 | | 18 | | | P. 9. | • | 929 | | 18 | 0.00 | 00 | 000 | 9 | | 18 | 00000000000000000000000000000000000000 |
| 5 54 | • | | 17 | 020 | ייייי | 777 | • | 9.5 | | 17 | 90.00 | 14- | | 5. | | 17 | 000000000000000000000000000000000000000 |
| DEGREE | <u>:</u> | | 16 | | | . w. c | Ÿ | <u>:</u> | | 16 | 9000 9000 10000 | | www | 10 | | 16 | |
| 36 DE | K | - | 15 | | نجج | 4.4 | • | Ξ | _ | 15 | 000 N.N.N.N. | 10.4 | d an | × | _ | 15 | |
| TITUDE | | ATION | 14 | | . 4. 4. | بنتن | j. | | ATION | 14 | | 90 | น์ ณ์ ล | | ATION | 16 | |
| LATI | 0.20 | R RADI | 13 | 0.00 | .00 | 9.0 | ň. | 1.20 | RADI | 13 | 0.70 | | فختن | .20 | RADI | 13 | |
| \$ | ITY: (| SOLAF | 12 | | ``` | 9.9 | 6. | TY: 0 | SOLAR | 12 | | ~~ | نممن | TY: 0 | SOLAR | 12 | |
| | 7 | HOURLY | 11 | | . 6. 6. | 6.6. | | EFLECTIVITY | HOURLY | = | | .00 | فخنن | ECTIVI | HOURLY | 11 | 20004777 |
| | REFLECT | Ŧ | 10 | 0.58 | ا به نه ا | ن بن ہ | ŗ. | REFLI | Ĭ | 10 | 0.00 6.60 8.60 8.60 8.60 8.60 8.60 8.60 | . 4. 4. | น์ ณ์ ฉ | REFLI | Ħ | 10 | |
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| 2 | 9 | | ** | 0.35 | | - - | · · | ~ | | •• | 44.8.4 | יייייי | . w. w | •0 | | | 60000000000000000000000000000000000000 |
| LOCATION | 10.2 | | 7 | 0.19 | | 000 | • | 11.3 | | 7 | 2000 | :2: | 777 | 11.6 | | | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 201 | 2 | H. | 9 | 0.05 | 900 | 900 | • | E | # | 9 | 0.00 | 000 | 900 | | TH. | 9 | 0.0000000000000000000000000000000000000 |
| | HORIZ | SOUTH | 2 | 0000 | | • • | • | HORIZ | Sout | 2 | 0000 | | | HORIZ | SOUTH | S | |
| | • | : NOI | * | 0000 | | | | 'n | :NOI | • | 0000 | • • • | | • | :NOI. | | 00000000 |
| | MONTH: | ORIENTATI | _ | | | | ? | MONTH: | ORIENTATIO | _ | | 000 | | MONTH: | ORIENTATI | _ | 255.00 255.00 255.00 250.00 250.00 250.00 |

| | 0.186 | DATLY TOTAL | RADIATION | พพพพพพพ ช่อน ช่อน ช่อนพันธ์ ช่อนพันพ ช่อนพันพ ช่อนพันพ ช่อนพันพ ช่อนพันพ ช่อนพันพ ช่อนพันพ ช่อนพันพ ช่อนพันพ ช่อน ช่อน ช่อน ช่อน ช่อน ช่อน ช่อน ช่อน | 8.185 | DAILY TOTAL | RADIATION | ស្រាប់ស្រាប់ស្នេង ស្នង់ស្នំ ឧបស្សេសឧស្សិក | 0.185 | DAILY TOTAL | RADIATION | 444488444 ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
|----------|-----------|-------------|-----------|--|------------|-------------|------------|--|--------|-------------|-----------|--|
| | KD: | | 20 | 00000000 | χĐ: | | 8 | | KD: | | ~ | 000000000 |
| ES | | | 19 | | | | - | 888888888 | | | _ | 00000000 |
| MINUT | 17 | | 18 | 000000000 | 20 | | 18 | | 19 | | 18 | |
| 54 | 0.5 | | 17 | 000000000000000000000000000000000000000 | 9.5 | | 17 | MAMMAMAMA PP8877947 | 9.5 | | 17 | 12222222 |
| REES | | | 16 | | | | 16 | WWW.WW.WW.WW.WW.WW.WW.WW.WW.WW.WW.WW.WW | | | 16 | 1 |
| 6 DEGR | K1: | | 15 | . | K T :: | | 15 | 4 N N N 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | KT: | | | |
| 1DE 3 | | TION | 14 | 1 | | TION | 4 1 | 1 | | TION | 14 | |
| ATITUD | 56 | RADIA | 13 | | 20 | RADIA | 13 | , | 20 | RADIA | 13 | 1 |
| - * | TY: 0. | SOLAR | 12 | 54722 | TY: 0. | SOLAR | 12 | 66 J J J J J J J S S S S S S S S S S S S | TY: 0. | SOLAR | 12 | |
| | EFLECTIVI | OURLY | 11 | | EFLECTIVI) | HOURLY : | 11 | NOOOOON | ECTIVI | OURLY : | 11 | 1 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 |
| | REFLE | H | 10 | DDODDDDDD | REFLE | 2 | 10 | - | REFLE | Ħ | | NUNUNUNUNUN NUNUNUNUNUN |
| HORFOLK | | | • | 00000000 NNNNN444 SSNHOWYA | | | • | 1 6000000 | _ | | | |
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| 110N | 11.30 | | 7 | 00000000 00000000000000000000000000000 | 10.18 | | 7 | DD 00 00 PT 44 01 | 8.47 | | ~ | |
| LOCATION | 9 | = | | 100000000 100000000 100000000 | HO: | _ | 9 | 000000000000000000000000000000000000 | P | r | • | |
| | HORIZ. | SOUTH | | 00000000 | HORIZ. | SOUTH | ĸ | 1 | HORIZ. | SOUTI | ₩. | 60000000 |
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| | 0.185 | DAILY TOTAL | RADIATION | 4 | • | | 4.31 | * | r, | ij | 'n | 'n | 9.186 | ATLY TOTAL |) | RADIATION | • | <u>.</u> د | • | 9 | | • | 9 | 4.14 | : | 0.186 | DAILY TOTAL | RADIATION | | 1.97 | 1 | ₩, | - د | " | س | |
|---------|-----------|-------------|-----------|-----|--------------|-----|---|---|----|----|----|-----|--------------|------------|--------|-----------|-----|------------|--------------|-----|------|------|-----|-------|--------|----------|-------------|-----------|---|------|-----|------|-----|------------------|-------|-------------|
| | KD: | Ã | 20 |) | • • | • | | ٠ | ٠ | • | ٠ | • | KD: | YQ | i | 20 | • | • | • | • | | ٠ | ٠ | 9 G | • | Ë | ۵ | • | 1 | e e | | ٠ | • | | • | • |
| TES | | | 19 | • | • | • | | • | • | ٠ | ٠ | • | | | | 19 | ı | • | ٠ | • | | ٠ | ٠ | | • | | | | • | 0 0 | | • | ٠ | • • | ٠ | • |
| MINUTE | 519 | | 18 | | a | • | • | • | • | • | Ö | • | 517 | | | 18 | 1 | ٠ | • | • | | • | • | D 6 | • | 455 | | | | 00 | | | • | | • | • |
| 5 54 | • | | 17 | | 9 | | 0.05 | • | • | G | • | • | • | | | 17 | ı | • | • | • | • • | ٠ | ٠ | e e | • | 6 | | 17 | 1 | 0 6 | • • | • | • | | • | • |
| DEGREE | <u>:</u> | | 16 | : - | | . ~ | 0.23 | ~ | ۲ | Ÿ | 'n | Ÿ | - | | | 3.6 | (| • | :- | :~ | · –: | 7 | 7 | 0.79 | | Ë | | 16 | - | 90.0 | • | 7. | - | : –; | ~ · | • |
| 36 DE | X | | 15 | - | | , | 0.40 | • | • | 4. | 4 | * | ₽ | _ | | 15 | • | ii | ŸM | ? ~ | m | m | ij | 0.4 | • | * | - | 15 | ! | 0.17 | į | ú | ic | ; ~: | w) w | • |
| ITUDE | | ATION | 7 | ! < | | | 0.53 | 5 | Ŋ | ٦. | 'n | 'n | | ATTO | | * | ! | 3,4 | • | • | * | ٠. | 4 | | ? | | ATION | 14 | 1 | 3.5 | m | m: - | * 4 | • | 4.4 | |
| LATII | 1.20 | RADIA | 13 | | , . . | • | | 9 | \$ | 9. | 9. | 9. | 1.29 | TOAD | | 13 | ! | • | . 4 | , ~ | יא ו | 5 | • | 9.62 | • | 0.20 | RADI | 13 | ŀ | 9.32 | * | * | • | . 10 | ر. بر | ? |
| * | ITY: 0 | SOLAR | 75 | ! L | | | 9.0 | 9 | 9 | 9 | 9. | 9. | 17Y: 8 | 4 102 | | | ! | • | Ů, R | | 9 | 9 | 9 | 65.65 | • | 17: | SOLAR | 12 | ; | 9.34 | * | 4 | | , 4, | ה נה | ? |
| | EFLECTIVI | HOURLY | 11 | , , | | ٠. | 0.62 | 9 | 9 | 9 | 9. | 9. | LECTIVITY | Y 191101 | | 11 | ! ' | • | 3 , 4 | ء ز | , 1 | | 9 | 9.62 | | ECTIVI | HOURLY | 11 | ; | 9.32 | • | * | • | Š | r. r | • |
| | REFLI | Ĭ | 10 | ! ' | . 4 | | 9.53 | | 5 | 3 | 'n | S. | REFLI | Ĭ | Ē | 0 | ! ' | | . 4 | . 4 | * | 3 | ij | 9.54 | ? | REFL | Ξ | 10 | ; | 9.5 | . ~ | | . 4 | . 4. | 4 | • |
| NORFOLK | | | • | ! * | . ~ | . ~ | 6 | • | * | • | * | • | | | | • | 1 | Ņ | ٧,٣ | ? ~ | , ~ | ~ | ~ | 0.30 | | | | • | i | 71.0 | . ~ | 2 | ii | , P | m) w | ? |
| Ö | • | | * | ; - | • | i۷ | 0.23 | 1 | ~ | ~ | ٧. | ? | | | | • | ! | ٠, | -:- | - | • | . – | - | 0.19 | J. | ~ | | • | ; | 90.0 | | 7: | 7. | : - : | ~:- | ₹. |
| OCATION | 6.5 | | ^ | ! • | | • | 0.05 | 0 | • | • | • | • | 6. | | | ~ | • | • | ٠ | • | • • | | • | 0.6 | • | . A | | ^ | ! | 9 6 | • - | • | • | • - | • | • |
| 100 | . HÖ . | Ŧ | • | 1 | ٠ | • | | | • | • | • | • | E | 3 | = | • | • | ٠ | • | • | | | • | 0.6 | • | . HO: | TH. | • | | 0.0 | | • | • | | • | • |
| | HORIZ | SOUTH | • | • | ٠ | • | | | | • | • | • | HORIZ | 1100 | | S | 1 | • | • | • | • | • -• | • | 0 0 | • | HORIZ | SOUTI | 5 | | | | • | • | | 0.0 | , |
| | 07 | : NOI | • | • | ٠ | ٠ | | | | • | • | • | - | 30. | , • | | | ٠ | ٠ | | • | | • | 0.0 | • | 12 | r ION: | • | 1 | | | • | ٠ | | 00 | |
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| | 0.183 | DAILY TOTAL | RADIATION | 2.32 | . 60 60 6 | 30 | 9.184 | DAILY TOTAL | RADIATION | 7.0 | M M | | inin | U ~ . | 9.186 | DAILY TOTAL | RADIATION | W4444444 80000mm 40000mm 4000000 |
|----------|----------------|-------------|-----------|------------------------------|-----------|-------------|--------|-------------|-----------|--------|---|--------|------|------------------|------------|-------------|-----------|---|
| | Ä | | ~ | 0000 | | • • | Š | | 20 | | 0.0 | • • | • • | • • | ¥0 | | ~ | |
| TES | | | - | 0000 | | • • | | | ~ | 0.0 | | • • | • • | • • | | | 19 | |
| MINUTE | 408 | | ~ | 0000 | | • • | 419 | | 18 | 86 | 00 | 6 | | | 451 | | 18 | |
| \$ 30 | | | | 0000 | | • • | • | | 17 | 99 | 0 0 | 96 | 900 | . . | ė | | 17 | |
| DEGREES | <u>:-</u> | | 16 | . 0000 | | 0.1 | ÷ | | 16 | 0.0 | 000 | | 100 | 20 | ÷ | | 16 | 00000000 |
| 37 D | * | <u>z</u> | | 0000 | .000 | 0.0 | × | z | 15 | 9.5 | | , M, M | | | ~ | Z. | 15 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| TIVUDE | | IATIO | 14 | 0.26 | | | | IATIO | | M.W | 9.0 | | | * * . | | IATIO | 14 | 00000000 |
| LATI | 0.20 | R RAD | | 0000 | 444 | 44 | 9.20 | R RAD | 13 | 9.0 | 4.4 | 9.0 | , e. |) 4. | 0.20 | R RAD | P | 00000000 |
| * | IIY: | SOLA | _ | 0000 0000 0000 | 000 | 9.9 | ITY: | SOLA | 12 | 4.4 | 4.6 | 96 | | | : TY: | SOLA | 12 | 00000000 |
| | EFLECTIVI | HOURLY | 11 | 0000 | 9000 | 44 | ECTIVI | HOURLY | 11 | 4.4 | 000 | 4.0 | | | ECTIV | OURLY | | 600000000 |
| ₽ | REFL | x | 10 | 9000 | | 0.0 W.W. | REFL | I | 0 | 0.0 | - | • | | . v. | REFL | I | 10 | 60200000 |
| ICHMOND | | | • | 9000 | | 99 | | | • | 9.5 | 0 | | 900 | ? M. | | | • | 00000000 |
| æ | 88 | | •0 | 0.00 0.00 0.00 0.00 | ::::: | 7.7 | 0 9 | | •0 | | | 900 | ,00 | 20 | £ 5 | | •0 | 2566534 000000000000000000000000000000000000 |
| LOCATION | . 4 | | | 0000 | | | • | | ^ | . 0. 6 | 66 | | | 90 | • | | ^ | |
| 5 | H | SOUTH | • | 0000 | | | 2 | SOUTH | | | 900 | | | | £ . | ТН | 9 | |
| | HORIZ | SOI | S | 9000 | | | HORIZ | 200 | . | | 000 | • • | • • | | HORIZ | SOUTI | SO ! | |
| | - | TION: | • | 0000 | | | ~ | TION: | • | • | | ٠. | | | n | 110N: | • | 00000000 |
| | MONTH: | ORIENTA | ; | -000 | | 0.0 | MONTH: | ORIENTA | ; | | | | 900 | 96 | MONTH: | ORIENTA | : | 65000000000000000000000000000000000000 |

| | 0.187 | DAILY TOTAL | RADIATION | 0 | 80.0 | -; C | | 6. | ó r | 7 | 0.188 | DAILY TOTAL | RADIATION | • | . הי | ** | 3 | 5.12 9.12 | ,17. | • | 0.187 | DAILY TOTAL | RADIATION | 5.90 | ۲. 9 | 40 | 101 | 00 | |
|---------|------------|-------------|-----------|------|------|---------|-----|----------|------------|-------|------------|-------------|---|---|-----------|------|-------------|--------------|-------|--------------|----------|-------------|-----------|------|-------|---------|--------|------|--|
| | KD: | | | 1 . | 0.0 | ٠ | | • | • | ٠. | Ë | | 20 | į | • • | • | • | 00 | • • | • | Ķ. | | | 0.0 | | • | • • | • • | |
| ES | | | 19 | 1 . | 0.0 | • | | | ٠ | • • | | | 19 | | 0.0 | 0.0 | • | 0.00 | | 9. | | | 19 | | 0.0 | 0.0 | 900 | | |
| MINUT | 83 | | 18 | ! = | 90.0 | > = | | 0. | 0,0 | | 16 | | 18 | 1 | 7.0 | 0.0 | | | 0 | • | 505 | | 18 | | 0,0 | 0,0 | ? | | |
| 30 | 9.0 | | 17 | 1 - | 0.18 | - | • | 7 | ٦- | 7. | 4.0 | | | - | S | Sich | ! – | 0.18 | ::: | ⁻ . | 6.5 | | 17 | 22 | 4 | 3- | | 7.7 | |
| EGREES | : • | | 16 | " | 0.33 | |) M | M | | 10 | ·• | | 16 | | M, W. | W. | | 0.33 | 300 | | .• | | 16 | 0.40 | MM | M, W | , w. c | 'n | |
| 37 DE | X | | 15 | 1 3 | 9.46 | 4 | • | 4 | | M | Σ | _ | 15 | 1 | 4.10 | 4 | | 9.46 | . 41 | ٠. | X | _ | 15 | N, N | N. N. | 4 | * * * | ÷ m | |
| ITUDE | | ATION | 14 | 1 1 | 0.57 | ų, r | , • | N. | Ų, | 14 | | ATION | 14 | 1 | ر. م | Ü | L | 0.57 | .ناز | 5 | | IATION | 14 | 99 | 9.9 | יטיג | ا دی ا | U 4 | |
| LATII | 0.20 | R RADI | 13 | 1 4 | 0.63 | 9 | | 9 | <u>د</u> ب | ů rů | 0.20 | R RADI | 13 | 1 | 9.0 | 9 | ب ج | 9.63 | نتن | 'n | 0.20 | R RADI | 13 | 6.0 | 9.9 | | .60 | ú'n | |
| ۸ | ITY: (| SOLA | 12 | 1 4 | 0.65 | 9 4 | 2 | 9 | 9. | | ITY: (| SOLA | _ | 1 | 9.4 | • | ه د | 9.6 | 9 | i. | •• | SOLA | 12 | | 7.9 | 9 | 9.49 | • • | |
| | ECTIV | OURLY | 11 | 1 4 | 0.63 | 9,4 | 9 | 9 | 9 4 | | ECTIV | OURLY | ======================================= | 1 | 9.9 | | ه د | 0.63 | 5 17. | i. | ECTIVITY | OURLY | 11 | فوف | 9.4 | | 9.4 | υ'n | |
| ۵ | RFFL | Ī | 10 | 1 10 | 0.57 | תי | jr | ij | יט ה | 7 | REFL | Ī | 10 | ! | ر. ح | , i | Ů.R | 0.57 | نمن | 4. | REFL | Ī | 10 | | 9.4 | . 12. 1 | | Ú.4. | |
| CHMOND | | | | 1 2 | 9.40 | 4 | . 4 | * | • | T M | | | • | | 4. | | ÷ 4 | 9.40 | . 4 | M. | | | Φ. | | n. r. | ,4.4 | * * | T M | |
| RI | 2 | | •0 | " | 0.35 | ۳. ۲ | | <u>ښ</u> | m, c | in | , 1 | | •0 | 1 | ٠. د د | .00 | ? r | 0.33 | 20 | | 6 | | | i ne | 3 C | | 200 | 0.0 | |
| OCATION | 10.2 | | 7 | | | | - | 0.1 | | 0.1 | 11.3 | | 7 | 1 | 90 | 121 |) c | 13 | 17. | . | 11.6 | | | 0.0 | 9.0 | 10. | | 00 | |
| 100 | . HO: | H | 9 | - | 0.0 | 0.0 | 9 | | 0.0 | | | HTUO, | 9 | 1 | 0 | 0.0 |))) | 0.00 | 90 | 0. | . HO: | OUTH | 9 | 1.0 | 00 | 000 | | 00 | |
| | HORIZ | SOUT | 'n | 1 | .00 | • | • | | ٠ | | HORIZ | SOU | R | İ | 0,0 | | - | | ? 0. | - | HORIZ | 200 | Ŋ | | ٥. | .0. | | . o. | |
| | 4 | TION: | • | 1 | 0 | • | • | | ٠ | | īŪ | r I ON: | 4 | Ĺ | • | • • | • | 900 | | • | 9 | TION: | • | | • | | 000 | | |
| | MONTH: | ORIENTA | ; | _ | .0 | 0.0 |) < | 5.0 | 0.0 | 60.00 | MONTH: | ORIENTAT | į | _ | 0.0 | | v e | 32.00 | 90 | 0.0 | MONTH: | ORIENTAT | | 0.0 | 0.0 | ,0,0 | | 0.0 | |

| | 0.188 | DAILY TOTAL | RADIATION | NUNUNUA44 NANUNUNU NIINONUV | 0.188 | DAILY TOTAL | RADIATION | 0.0.0.0.0.4.4.0.0.0.0.0.0.0.0.0.0.0.0.0 | 0.187 | DAILY TOTAL | RADIATION | 44444444 9000 9000 9000 9000 9000 |
|--------|--------|-------------|-----------|---|--------|-------------|-----------|--|--------|-------------|-----------|--|
| | χΩ | | Ni | 00000000 | KD: | | | 00000000 | ¥D: | | 2 | 00000000 |
| ES | | | 19 | 000000000000000000000000000000000000000 | | | 19 | 00000000 | | | ~ (| 00000000 |
| MINUT | 95 | | 8 | 0.007 | 26 | | 18 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | 05 | | 18 | |
| 30 | 4. | | 1 | 200011111 2010080712 | 4.0 | | 17 | 8080rr9N4N | 0.5 | | - 1 | 112222211 |
| GREES | •• | | 16 | | | | 16 | ************************************** | | | 16 | 00000000000000000000000000000000000000 |
| 37 DE(| X | | 15 | 0000000011 | K | | 15 | or or ronno | K | | 15 | 04444444 04466666 |
| TUDE | | ATION | 14 | 0000875119 | | ATION | 14 | & & & & & & & & & & & & & & & & & & & | | FIION | 14 | |
| LATIT | .20 | RADI | 13 | \$\$\$\$\$\$\$\$\$ \$\$\$\$\$\$\$\$ | .20 | RADI | M) | 0000000 00000000 0000000000 | . 20 | RADI | i | |
| ٨A | TY: 0 | SOLAR | 12 | 00000000000000000000000000000000000000 | TY: 0 | SOLAR | _ | | TY: 0 | SOLAR | 12 | 00.00 0.00 0.00 0.00 0.00 0.00 0.00 0. |
| | CTIVI | URLY | 11 | 00000 00000 00000 00000 00000 00000 | CTIVI | OURLY | | | CTIVI | OURLY | 11 | 00 00 00 00 00 00 00 00 00 00 00 00 00 |
| _ | REFLE | НО | 10 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | REFLE | 유 | 10 | 0000000 0000000 00000000 000000000 000000 | REFLE | H | 10 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 |
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| TION | 11.30 | | ^ | 00.23 | 10.15 | | 7 | 888779542 | 8.41 | | 7 | 000000000000000000000000000000000000000 |
| LOCA | .0H | I | 9 | 00.000 | H0: | I | 9 | 000000000000000000000000000000000000000 | H0: | I | 9 | |
| | HORIZ. | SOUT | 5 | 000000000000000000000000000000000000000 | HORIZ. | SOUT | 'n | 00000000 | HORIZ. | SOUT | rv. | |
| | ~ | I GN: | | | ∞ | ION: | | 00000000 | • | : NOI. | | |
| | HINOM: | ORIENTAT | - | 50000000000000000000000000000000000000 | MONTH: | ORIENTAT | ; | 6 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 | MONTH: | ORIENTAT | ; | 250.00 250.00 250.00 250.00 250.00 20.00 |

| | 0.188 | DAILY TOTAL | RADIATION | WWW44444 George Common George | 0.187 | DAILY TOTAL | RADIATION | 00000000000000000000000000000000000000 | 0.184 | DAILY TOTAL | RADIATION | 100000000 613600000000000000000000000000000000000 |
|---------|--------|-------------|---------------|---|----------------|-------------|-----------|---|--------|-------------|-----------|--|
| | KD; | | 20 | 00000000 | KD: | | 20 | 00000000 | KD: | | 20 | |
| TES | | | 19 | | | | 19 | | | | 19 | 000000000 |
| MINUTE | 205 | | - | 00000000 | 477 | | 18 | | 454 | | 18 | 000000000 |
| 202 | 9 | | 17 | | Ġ | | 17 | | 6 | | 17 | 00000000 |
| EGREE | | | | | <u>:</u> | | 16 | 00000000 01111111111111111111111111111 | Ë | | 16 | 00000000 |
| 37 DE | ΑT | | 15 | 00.000 | X | _ | 15 | 00000000000000000000000000000000000000 | ¥ | _ | 15 | 000000000 |
| TUDE | | ATION | 7.4 | 00000000 444000000 464000000 | | ATION | - | 00000000000000000000000000000000000000 | | ATION | 14 | |
| LATIT | .20 | RADI | 13 | 00000000 400000000 7000000000 | .20 | RADI | 13 | 00000000 00000000 000000000 00000000 | .20 | RADI | | 00000000 0000000 00000000 0000000000 0000 |
| ۸ | TY: 0 | SOLAR | 12 | 00000000 111111111111111111111111111 | 1Y: 0 | SOLAR | - | 00000000 040000000 000040000 000040000 | TY: 0 | SOLAR | ~ | 00000000 00000000 00000000 000000000 |
| | ECTIVI | OURLY | 11 | | ECTIVI | OURLY | 11 | 00000000 00000000 0000000000 00000000 | ECTIVI | HOURLY | 11 | 000000000 00000000 000000000 000000000 |
| _ | REFLE | Ħ | \rightarrow | 000000000 4440000000 4640000000 | REFLE | ¥ | 0 | 000000000 nm 444444 0 40 744 744 | REFLE | H | 10 | |
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| RIC | σ. | | ∞ | DEDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD | u r | | | 00000000 | 2 | | •0 | 0.00 0.00 0.00 0.00 0.00 0.11 0.11 0.11 |
| DCATION | 6.49 | | 7 | 00000000 | . 9. | | 7 | 000000000 | 4.2 | | 7 | 00000000 |
| 7007 | . H0: | TH. | 9 | 000000000 | . но: | Ŧ | • | 000000000 | . HO: | Ξ | • | |
| | HORIZ | 200 | אט | | HORIZ | SOUTH | ĸ | | HORIZ | SOUT | N | |
| | 10 | I ION: | | | 11 | :NGI1 | | 00000000 | 12 | TION: | 4 | 000000000 |
| | MONTH: | ORIENTAT | | 711.7 0.0 10.00 20.00 30.00 35.00 60.00 | MONTH: | ORIENTA | | 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | MONTH: | OFIENTA | | 71 LT |

| | 0.184 | DAILY TOTAL | RADIATION | 00000000000000000000000000000000000000 | 0.184 | DAILY TOTAL | RADIATION | สมนคมผมผมพ ตามจำกัจจัญ จำนองจัดพจต | 0.186 | DAILY TOTAL | RADIATION | W4444444 0 |
|----------|--------|-------------|-----------|--|--------|-------------|-----------|---|----------|-------------|-----------|---|
| | KD: | | | 00000000 | KD: | | 20 | 00000000 | 2 | | 20 | 00000000 |
| TES | | | 19 | | | | 19 | | | | 19 | 00000000 |
| MINUT | 454 | | 18 | | 428 | | 18 | | 460 | | 13 | |
| 5 19 | ė | | 17 | 00000000 | | | 17 | 0000000 0000000 00000000 | 6 | | 17 | 000000000 |
| EGREE | Ë | | 16 | 00000000 | | | 16 | 000000 000000 00000000 | <u>:</u> | | 16 | |
| 37 D | ¥ | z | 15 | 00000000 11000000000000000000000000000 | ¥ | ~ | 15 | 00000000000000000000000000000000000000 | ¥ | _ | 15 | |
| TUDE | | IATIO | 14 | NWWWWWAAA | | IATIO | ~ | 000000 000000 0000000 00000000 | | ATION | 14 | 44WWWWW44 |
| LATI | 0.20 | R RAD | - | MMGGGGGG | 0.20 | R RAD | 13 | | 1.20 | RADI | 13 | |
| 4 | ITY: | SOLAI | 1 | MAAAAANN | ITY: (| SOLA | 12 | 00000000 4400000000 wrodwwand | TY: 0 | SOLAR | ~ | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| | ECTIV | HOURLY | 11 | 000000 000000 000000 0000000 0000000 | ECTIV | OURLY | 11 | 44.00.00 44.00.00 44.00.00 44.00.00 44.00.00 | CTIVI | URLY | 11 | 00000000000000000000000000000000000000 |
| | REFL | Ī | 10 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | REFLI | Ĭ | ~ | 00.00 00 | REFLE | 문 | 10 | 44.000000 44.0000000 44.00000004 |
| ANOKE | | | 6 | | | | 6 | 00.00 00 | | | 6 | 00000000000000000000000000000000000000 |
| RO. | - | | | 00.1120 00.1120 00.1120 00.1120 00.1120 00.1120 | 2 | | •• | 0.15 0.15 0.19 0.20 0.20 0.21 0.21 | | | ∞ | 25 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28 |
| LOCATION | 4.9 | | 7 | 00000000 | 9.9 | | | 00000000000000000000000000000000000000 | 8.47 | | | 000000000000000000000000000000000000000 |
| 7007 | HO: | Ξ | 9 | | . H0: | Ξ | | 0000000 | H0: | ∓ | | |
| | HORIZ | SOUTH | 2 | 00000000 | HORIZ | SOUTH | ! | 00000000 | HORIZ. | SOUT | 'n | |
| | - | TION: | 5 | | 2 | TION: | | 00000000 | m | : NOI. | | 000000000 |
| | HINOM: | ORIENTA | _ | 655 CO CO CO CO CO CO CO CO CO CO CO CO CO | MONTH: | ORIENTAL | Ë | 220.00 220.00 30.00 40.00 60.00 | MONTH: | ORIENTAT | _ | 25.00 25.00 30.00 35.00 50.00 |

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| | 0.187 | DAILY TOTAL | RADIATION | 4 0 0 0 0 0 4 4 4 4 4 4 6 6 6 6 6 6 6 6 | 0.188 | DAILY TOTAL | RADIATION | พพพพพพพ พพ พพ พพ พพ พ พ พ พ พ พ พ พ พ | 0.187 | DAILY TOTAL | RADIATION | RUNURUNU44 P. P. P. P. P. P. P. P. P. P. P. P. P. P |
|---------|--------|-------------|-----------|---|--------|-------------|-----------|--|----------|-------------|-----------|---|
| | KD: | | 20 | 00000000 | KD: | | | 00000000 | KD: | | | 00000000 |
| ES | | | p=4 | 00000000 | | | | 00000000 | | | 19 | |
| MINUTE | 87 | | 18 | 0000000 000000 0000000 000000 | 192 | | ~ | 0.10 0.00 0.00 0.00 0.00 0.00 0.05 | 208 | | 18 | 0.12 0.03 0.06 0.06 0.05 0.05 |
| 19 | 4.0 | | 17 | 00.1138 00.1138 00.1138 00.1138 | 9.0 | | 17 | 00.23 00.23 00.23 00.23 00.23 00.23 00.23 | 0.5 | | 17 | 000000000000000000000000000000000000000 |
| EGREES | •• | | | 00000000 0000000 0000000 0000000 | | | 16 | | <u>:</u> | | 16 | 0.40 0.33 0.33 0.32 0.25 0.25 |
| 37 DE | K | _ | 15 | 000000 4444444 8000000 | Σ | _ | 15 | | ₽ | _ | 15 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| ITUDE | | ATION | 14 | | | ATION | 14 | | | IATION | 14 | |
| LATII | 0.20 | R RADI | 13 | 00000000 0000000 00000000 000000000000 | 0.20 | R RADI | 13 | UNIO O O O O O O O | 0.20 | R RAD | 13 | |
| ۸ | ITY: (| SOLA | 12 | | ITY: (| SOLA | 12 | | ITY: | SOLAI | 12 | 00.000000000000000000000000000000000000 |
| | ECT IV | OURLY | 11 | | ECT IV | HOURLY | 11 | | ECT IV | OURLY | 11 | 000000000000000000000000000000000000000 |
| | REFL | Ī | 10 | | REFL | Ĭ | 10 | | REFL | I | 10 | 00000000000000000000000000000000000000 |
| ANOKE | | | 6 | 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | | | • | 00044444 00044444 | | | 6 | 00000000 0000000 000000000000000000000 |
| RO | M | | • | mmmmanmes | _ | | | 00000000000000000000000000000000000000 | 6 | | •0 | 000000000000000000000000000000000000000 |
| OCATION | 10.2 | | ^ | 00000000 | 11.3 | | 7 | 0000000 000000 0000000 000000000000000 | 11.6 | | | 000000000000000000000000000000000000000 |
| רסכי | . HO: | Ŧ | 9 | 00000000 00000000 00000000 | . HO . | Ŧ | 9 | 0000000 | . HO: | H | | 000000000000000000000000000000000000000 |
| | HORIZ | SOUT | | | HORIZ | SOUTH | 5 | | HORIZ | SOUTI | 3 | |
| | J | TION: | | 00000000 | 2 | TION: | 4 | | 9 | TION: | 4 | |
| | MONTH: | ORIENTAT | ; | 7117 20.00 25.00 35.00 40.00 60.00 | MONTH: | ORIENTA | ; | 220.00 220.00 320.00 440.00 60.00 | MONTH: | ORIENTA | , | 711.1 0.0 20.00 30.00 35.00 40.00 |

| | 0.188 | DAILY TOTAL | RADIATION | NNNNNNN44 AANANGAH ABBBACHUH | 0.188 | DAILY TOTAL | RADIATION | 64555555555555555555555555555555555555 | 0.187 | DAILY TOTAL | RADIATION | 44444444 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0 |
|---------|---------|-------------|-----------|---|--------|-------------|-----------|--|------------|-------------|-----------|--|
| | KD: | | 20 | | KD: | | 20 | 00000000 | KD: | | 20 | 00000000 |
| ES | | | 19 | | | | 19 | 00000000 | | | 19 | |
| MINUT | 101 | | 18 | 0.00000 | 503 | | 18 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | 808 | | 18 | 00000000 |
| 19 | 0.5 | | 17 | 0.23 | 0.5 | | 17 | 0.19 0.18 0.17 0.17 0.15 0.15 | 0.5 | | 17 | |
| EGREES | | | 16 | 00.00 00 | | | 16 | 0.344 0.344 0.344 0.25 0.25 0.25 | <i>:</i> • | | 16 | กลุกคลกลุก |
| 37 DE | X | z | 5 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | Σ | - | 15 | 0.47 0.47 0.48 0.44 0.44 0.44 0.54 0.54 | ⊽ | _ | 15 | |
| TITUDE | | IATION | 14 | 00000000 0000000 00000000 000000000 | | IATION | 14 | | | IATION | 14 | กลุกลุกลุกลุก |
| LATI | 0.20 | R RAD | 13 | 00000000 0000000 0000000 00000000 | 0.20 | R P.AD | 13 | 0.65 0.65 0.66 0.66 0.65 0.65 0.65 | 0.20 | R RAD | 13 | 0000000 000000 000000 0000000000000000 |
| ٧, | I;Y: | SOLA | 12 | 20000000000000000000000000000000000000 | ITY: | SOLA | 12 | | ITY: | SOLA | 12 | 0000000 0000000 00000000 |
| | ECTIV | HOURLY | - | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ECTIV | OURLY | — | 0.65 0.65 0.66 0.66 0.65 0.65 | ECTIV | OURLY | 11 | |
| | REFL | I | 10 | 000000000 | REFL | I | 7 | 00000000 | REFL | I | 10 | |
| RUANOKE | | | Φ. | 000000000000000000000000000000000000000 | | | 6 | 74.0 | | | 6 | 00000000 |
| S. | 0 | | • | 1 C C C C C C C C C C C C C C C C C C C | • | | • | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | m | | - 1 | 2886666666 |
| OCATION | 11.3 | | 7 | 0.23 0.23 0.23 0.13 0.15 0.15 0.15 | 10.1 | | ^ | 0.18 0.18 0.17 0.15 0.15 | 8.4 | | | |
| 707 | . HO: | TH | 9 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | . HO: | DUTH | 9 | 00000000000000000000000000000000000000 | . Hö: | H | 9 | |
| | HORIZ | Sou | 7 | | HORIZ | SOU | 'n | | HORIZ | SOUT | 2 | 000000000 |
| | 7 | TION: | | | •0 | TION: | 4 | 00000000 | 6 | rion: | | 00000000 |
| | MONTH: | ORIENTA | | 60000000000000000000000000000000000000 | MONTH: | ORIENTA | ; | 660 600 600 600 600 600 600 600 600 | MONTH: | ORIENTAT | | 250.00 250.00 30.00 50.00 60.00 60.00 |

| | 0.185 | DAILY TOTAL | RADIATION | 4 | • | ٦, | 3 | . 50 | | 4.6 6.6 1 K | • | 0.188 | DAILY TOTAL | 0.1.4.1.0 | KADIATION | 4 | · Ö | Ň. | . | هَ (| <u>-</u> | 60 € 60 € 70 € | | 0.185 | DAILY TOTAL | RADIATION | •0 | Sin | Ų. | ∞ . c | 3.04 | ٠,٠ | |
|---------|----------|-------------|-----------|-----|-------------|-----|----------|-----------|-----|-------------------|--------|--------|-------------|-----------|-------------|----------|-------|-------|----------|-------|----------|-----------------------------|---|--------|-------------|---------------|-----|------|------------|--------------|----------------|------------|---|
| | KD: | | 20 | Ĺ | | ٠ | ٠ | | • | 00 | • | Š | | | 17 | | ٠. | | ٠ | | • | 00 | • | ξÖ | | 20 | • | • | | • | | • | • |
| TES | | | | ı | | • | ٠ | | ٠ | 00 | • | | | | 61 | | • - | • | • | | • | 00 | • | • | | 19 | ٠. | • | | • | 9.0 | ٠ | ٠ |
| MINUT | 523 | | 18 | = | | | | | 0 | 0.0 | ; | 495 | | • | 12 | | ٠. | ٠ | • | | • | e c | • | 439 | | | | • | | ٠ | 90 | • | • |
| S 19 | 6 | | 17 | = | | | 9 | | 0 | 0.00 | | ö | | | > | | | • | ٠ | | • | 00 | • | | | _ | ١ • | • | | • | 0.0 | • | • |
| EGREES | | | 16 | - | 10 | Ş | 'n | iu | 2 | 0.26 | | | | | 97 | _ | ? ~ | - | 7. | : -: | Τ: | 9.78 | • | •• | | 16 | | 0. | | 7 | 0.11 | Τ. | • |
| 37 DE | KT | | 15 | " | , m | W. | 5 | . 4 | 4 | 0.63 | • | KT | | - | 15 | c | | 3 | W) h | , w | ٠. | 0.37 | | K | | 15 | ~ | N | in | N | 0.28 | W W | |
| TUDE | | ATION | 14 | 1 3 | 4 | ij | ו נא | ייי יי | Ś | 0.57 | • | | ATION | , | 1.5 | ~ | מין נ | 4 | 4. | , 4 | 4 | 9.50 | • | | ATION | _ | 1 2 | W. 1 | J. W. | M | 0.59 | 4.4 | • |
| LATIT | .20 | RADI | 13 | 1 6 | . 5. 5.6 | 9. | .62 | . 49 | .65 | 0.65 | • | .20 | RADI | | - 1 | ~ | . 4 | 'n | ٠ | Ü | ij | 0. 0. 0. 0. | • | .20 | RADI | | ۳. | w | 2.4 | 4 | 0.46 | 4.4 | • |
| ٧× | TY: 0 | SOLAR | 12 | 4 | نمن | 9 | 9 | 9. | 9 | 0.68 | • | TY: 0 | SOLAR | , | 12 | \ | 7 | 'n | ٠ | ט ני | 9. | 0.61 | | TY: 0 | SOLAR | $\overline{}$ | M | ĸ, | * 4 | 5 | 0.50 | יט ג | j |
| | CTIVI | HOURLY | ~ | 1 4 | , וי | 9 | 9. | 9 | 9. | 0.65 | ? | ECTIVI | OURLY | ; | 11 | ~ | | 5 | υ, | יי ני | 'n | 9.59 | ? | ECTIVI | OURLY | 11 | M | m | 4.4 | 4 | 0.46 | 4.4 | • |
| | REFLECTI | H | 10 | 18 | . 4. | S. | iù r | Ü | 'n | 0.57 | ? | REFLE | 웃 | • | 01 | | ייי נ | 4 | 5. | * 4 | 4. | 0.50 | | REFLE | 유 | 10 | ~ | W | ن، ن | M | 0.39 | 4.4 | • |
| DANOKE | | | 9 | 1 | 'n. | M. | 4. | * 5 | • | 0.43 | • | | | • | 6 | • | i | 3 | ا | , M | М. | 0.37 | ? | | | Φ. | ! ~ | 2 | N V | 100 | 0.27 | W.W | ? |
| ROA | | | € | ! - | . 2 | 7 | S, C | 10 | 12 | 0.26 | • | | | • | 10 | | · ~ | : = : | ۳. | 7. | 7 | 0.18 | • | | | | 10 | 0. | - - | 7. | 0.11 | 7. | 7 |
| OCATION | 6.52 | | 7 | 6 | | 0 | 0.9 | - | 9 | 0.00 | ? | 4.87 | | , | / |) | • | • | ٠ | | | 0.0 | • | 4.25 | | 7 | 1 4 | | | | 00. | • | |
| 100 | . HO. | H | 9 | 1 | | ٠ | ٠ | | | 0.0 | • | 5 | H | | 9 | 1 | • • | | • | • | | 0.5 | • | : 모 | Ŧ | • | 1 . | • | • | • • | 0 0 0 | • | • |
| | HORIZ | SOUTI | Ŋ | i | | ٠ | ٠ | • • | | 0.0 | • | HORIZ | SOUTH | | 2 |) | • | | • | • | • | 0.0 | • | HORIZ | SOUTH | Ŋ | 1 . | | • | | 0.0 | ٠ | • |
| | 10 | TION: | 4 | 1 | | • | • | • | | 0.0 | r | 11 | TION: | | ST | ŀ | • | | | • | | 0.6 | • | 12 | TION: | | | • | • | | 00 | • | • |
| | MONTH: | ORIENTA | _ | _ | 96 | 0.0 | ر 0.0 | יי פיי | 0.0 | 50.00 | - - | MONTH: | ORIENTA | | _ | J | | 0.0 | 5.0 | 2 K | 0.0 | 56.00 | • | MONTH: | ORIENTA | i | | 0.0 | | .0. | 35.00 40.00 | 0.0 | |

| | 0.180 | ILY TOTA | ADIATION | 2.44 2.75 2.77 2.93 2.93 0.93 | 0.181 | ILY TOTA | ADIATION | 10000000000000000000000000000000000000 | 0.183 | ILY TOTA | ADIATION | 00000000000000000000000000000000000000 |
|------------|----------|------------|-----------------|---|--------|-----------|----------|---|--------|-------------|----------|--|
| | ë | DA | ~ | l | KD: | DA | ~ | | ä | DA | 8A | l |
| | ~ | | | 000000000 | ~ | | | 0000000 | × | | 20 | 000000000 |
| TES | | | — | 000000000 | | | 19 | | | | 19 | 00000000 |
| MINUT | 330 | | | 000000000 | 347 | | | 00000000 | 389 | | 18 | |
| 5 | | | 17 | 00000000 | 6 | | 17 | | • | | 11 | 88666666 |
| DEGREES | | | _ | 00000000 | •• | | | 000000000000000000000000000000000000000 | | | - | 000000000000000000000000000000000000000 |
| 44 DE | K | | - | 00000000000000000000000000000000000000 | KT | ٠ | 15 | 00000000000000000000000000000000000000 | KT | | 15 | 00.000 |
| UDE | | IATION | 14 | 000000000000000000000000000000000000000 | | ATION | 14 | 00.22 00.23 00.33 00.33 00.33 00.33 00.33 | | ATION | 14 | WWW4444W WWW04440W |
| LATITUD | . 20 | RADI | 13 | 00000000000000000000000000000000000000 | .20 | RADI | | WWWWWWWW | . 20 | RADI | | W4444444 W000000044 |
| L N | TY: 0 | SOLAR | 12 | 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 1Y: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | 44444444 14467888864 |
| | ECTIVI | OURLY | 11 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ECTIVI | HOURLY | - | MMMMMMMM | TIVI | <u>></u> | 11 | W4444444 WW0000004 |
| N O | REFLE | H | 10 | 20000000000000000000000000000000000000 | REFLE | HO | 10 | | REFLEC | HOUR | 10 | WWW4444W WWW111100 |
| BURLINGTON | | | 6 | 00.115 | | | 6 | 000000000000000000000000000000000000000 | | | • | 00.32 |
| BUR | | | • | | | | ∞ | 00.13 | | | •0 | 00.000000000000000000000000000000000000 |
| LOCATION | 3.69 | | ^ | 000000000 000000000 | 5.51 | | ~ | | 7.62 | | ~ | ୧୯ ୧୯ ୧୯ ୧୯ ୧୯ ୧୯ ୧୯ ୧୯ ୧୯ ୧୯ ୧୯ ୧୯ ୧୯ ୧୯ |
| LOCA | H0: | r | 9 | | H0: | I | | 00000000 | H0: | x | 9 | |
| | HORIZ. | SOUTH | 2 | 90000000 | HORIZ. | SOUTH | | 00000000 | HORIZ. | SOUTH | Ŋ | 00000000 |
| | H | : NO. | Ţ | 00000000 · · · · · · · · · · · · · · · · · · · | × × | : NO. | | | H | : NOI | J | |
| | MONTH: | OKIENTATIO | | 11.1 0.0 220.00 330.00 540.00 60.00 | MONTH: | ORIENTATI | ; | 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | MONTH: | ORIENTATI | ; | 220.00 220.00 220.00 230.00 40.00 |

| | 0.184 | DAILY TOTAL | RADIATION | 4444444WW OSWWWGHOV DUUNONDDO | 0.185 | DAILY TOTAL | RADIATION | AUNAAAAA BUURKYONO BUURKYONO BUURKYONO | 0.186 | DAILY TOTAL | RADIATION | Խ Ա Խ Ա Խ Ա Խ Ա Փ Փ Փ Գ Փ Գ Գ Խ Ա Խ Ա Թ Թ Խ Ա Խ Ա Թ Թ Խ Ա Խ Ա Խ Ա Խ Ա |
|-----------|------------|-------------|-----------|---|------------|-------------|-----------|--|----------|-------------|------------|---|
| | KD: | | 20 | 00000000 | ΚĎ | | 20 | 00000000 | ΚĎ | | 20 | 00000000 |
| ES | | | 19 | 00000000 | | | 19 | | | | 19 | |
| MINUTE | 118 | | 18 | | 143 | | 18 | 0.11 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 465 | | 13 | |
| 5 28 | 4.0 | | 17 | 00000000000000000000000000000000000000 | 4.0 | | 17 | 000000000000000000000000000000000000000 | 0. | | 17 | 000000000000000000000000000000000000000 |
| EGREE | :- | | 16 | 00000000 00000000 00000000000000000000 | Ë | | 91 | 90000000000000000000000000000000000000 | Ë | | 16 | |
| 44 D | * | NO | 15 | 00000000 | ¥ | z | ~ | 00000000 | ~ | z | 15 | |
| TUDE | | ATI | ~ | 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | | IATION | 14 | | | IATIO | 14 | |
| LATI | 0.20 | R RADI | 13 | 00000000 | 0.20 | R RAD | 13 | 00000000 | 0.20 | R RADI | 13 | 0.0000000000000000000000000000000000000 |
| ۱۸ | ITY: | SOLA | 12 | 00000000 | ITY: | SOLA | 12 | 000000000000000000000000000000000000000 | ITY: | SOLA | 12 | |
| | EFLECTIV | OURLY | 11 | 00000000 | FLECTIVITY | HOURLY | 11 | | EFLECTIV | HOURLY | 11 | 00000000 |
| STON | REFL | - | 10 | | REFL | _ | 10 | NININININIA 4 | REFL | _ | 10 | 2 |
| URLINGTON | | | 6 | | | | 6 | 44444444 | | | • | 779444444 |
| £ | 77 | | •0 | | 20 | | •0 | | 73 | | e 0 | |
| LOCATION | <i>.</i> . | | | | : 11. | | | | : 11. | | | 404048744 100000000 |
| 01 | Z. HO | SOUTH | | | Z. HO | OUTH | | | Z. HO | DUTH | | 4 W W W W W Z Z Z Z Z Z Z Z Z Z Z Z Z Z |
| | HORIZ | | | | HORIZ | u | | 0000000 | HORIZ | U | | |
| | • | ATION: | | | ĸ | ATION: | | | 9 | ATION: | | |
| | MONTH: | ORIENT | | 11[-1 0.0 0.0 320.00 330.00 60.00 60.00 | MONTH: | ORIENT, | ; | 60000000000000000000000000000000000000 | MONTH: | ORIENTA | | 20.00 20.00 20.00 20.00 20.00 60.00 |

| | 0.187 | DAILY TOTAL | RADIATION | พพพพพพพ จับจัจพับ พพพพพพ | w | 0.187 | DAILY TOTAL | RADIATION | ዹዹዹዹዹዹ ፙ፞ጜ፞ዾ፞ዾዾቝ ጜ ፞፞፞፞፞፞፞ጜኯኯጜዄቝ፟፟ | in vi | 0.186 | DAILY TOTAL | RADIATION | WW444444 WW00110000 WWW011W900 |
|----------|--------|-------------|-----------|---|----------------------|--------|-------------|-----------|--|-------------|--------|-------------|-----------|--|
| | Š | | 20 | 000000 | | ξÖ | | | 000000 | • • | KĐ: | | 20 | 00000000 |
| ES | | | 19 | | | | | 19 | 0000000 | • • | | | 19 | 000000000 |
| MINUTE | 53 | | 18 | 000 | 000 | 6 | | 18 | 0000000 0000000 | | 9 | | | 00000000 |
| 28 | 0.48 | | 17 | | 791. | 0.47 | | 17 | | 4.1. | 95.0 | | 17 | 6000006 |
| GREES | | | 16 | | .30 | | | 16 | 000000000000000000000000000000000000000 | 523 | •• | | į | 22.22.22.22.22.22.22.22.22.22.22.22.22. |
| 44 DEC | K | | 15 | | 38.52 | KT | | 15 | 4444444 04500044 | 39 | K | | - | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| JOE | | ATION | 14 | 50 50 50 50 50 50 10 10 10 10 10 10 10 10 10 10 10 10 10 | U. W. &. U. S. &. | | ATION | 14 | เมนเนนเนน - เมนเนนเนน | 26. | | ATION | 14 | 4444 15 14 14 15 15 15 1 |
| LATITI | .20 | RADI | _ | 44444 44444 | 6 n. n. 1 so 4 | .20 | RADI | 13 | 666655 666656 666656 | e e e | 59 | RADI | 13 | 45000000000000000000000000000000000000 |
| ΤΛ | TY: 0 | SOLAR | 12 | 000000 000000 0000000 0000000000 | 5.6.0 | 1Y: 0 | SOLAR | 12 | | 10.10 | TY: 0 | SOLAR | 12 | 00000000000000000000000000000000000000 |
| | ECTIVI | HOURLY | _ | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | ة بن بن | ECTIVI | OURLY | 11 | | יייייי | ECTIVI | HOURLY | 11 | |
| NO. | REFLE | 呈 | 10 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | บ้างจุ๋ | REFLE | 문 | 10 | | 10.4 | REFLE | 2 | | 000000 444400000 984000000 |
| LINGTON | | | 6 | 2444444 800000 | 44W | | | 6 | 000000 444444 7474744 | 40 | | | | 00000000000000000000000000000000000000 |
| BUR | 0 | | | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | 3 m W | | | •0 | 000000000000000000000000000000000000000 | 200 | σ. | | • | 000000000000000000000000000000000000000 |
| LOCATION | 11.2 | | ^ | 9000000 2222225 | | 9.7 | | ~ | 00.13 00.13 00.17 00.17 00.15 | :-:- | 7.5 | | 7 | 000000000000000000000000000000000000000 |
| 100 | . HO: | ΤΉ | 9 | 0.00 | | . HO: | H | | 000000000000000000000000000000000000000 | | . HO: | H. | • | |
| | HORIZ | SOUT | | | 000 | HORIZ | SOUTH | | 0000000 | | HORIZ | SOUTH | | 00000000 |
| | ^ | TION: | | 000000 | | •0 | TION: | | 000000 | | Φ. | TION: | | 000000000 |
| | MONTH: | ORIENTA | ; | 25.00 35.00 | 000 | MONTH: | ORIENTA | - | 25.00 25.00 25.00 35.00 35.00 | | MONTH: | ORIENTAL | | 250.00 330.00 50.00 50.00 60.00 60.00 |

| 28 MINUTES |
|-------------------|
| 44 DEGREES |
| LATITUDE |
| > |
| BURLINGTON |
| LOCATION |

| 0.185 | DAILY TOTAL | RADIATION | 000mmmmmm m96910mm m96910mm m96900mm | 0.180 | DAILY TOTAL | RADIATION | 11.11.11.11.11.11.11.11.11.11.11.11.11. | 0.125 | 1LY TOT | RADIATION 0.89 1.36 1.55 1.55 1.81 1.81 |
|-------------|-------------|-----------|---|------------|-------------|-----------|---|--------|------------|---|
| KĐ: | | 20 | | ξÖ | | 20 | | ΚĐ | | 0000000 |
| | | | 00000000 | | | 19 | 00000000 | | | 00000000 |
| 432 | | 18 | 00000000 | 323 | | 18 | | 297 | | |
| <u>.</u> | | | | 6 | | 17 | 00000000 | • | | 00000000 |
| Ë | | 16 | 00000000 | Ë | | 16 | 00000000 | F | | 0.0000000000000000000000000000000000000 |
| K | * | 15 | 10000000000000000000000000000000000000 | K | z | 15 | | ¥ | 7 | 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| | ADIATION | 14 | | | LATION | 14 | | | ATIO | 000000000000000000000000000000000000000 |
| 0.20 | R RAD | 13 | | 0.20 | R RADI | ~ | 00000000 | 0.20 | R RADI | 13 0 16 0 20 0 25 0 27 0 27 0 28 0 28 0 31 |
| •• | SOLA | 12 | | •• | SOLA | 12 | | ITY: (| ָרְאַ י | 12 000000000000000000000000000000000000 |
| EFLECTIVITY | HOURLY | 11 | 00000000 0000000 0044444404 | FLECTIVITY | HOURLY | 11 | | ECTIV | | 11 00 00 00 00 00 00 00 00 00 00 00 00 0 |
| REFL | Ī | 0 7 | | REFL | Ĭ | 10 | | REFLI | = | 00.22 |
| | | _ | 00000000 | | | 6 | 0000000 | | 1 | 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| _ | | •• | 00000000000000000000000000000000000000 | 1 0 | | •• | 0000000 000000 0000000 | 1 | , | 000000000000000000000000000000000000000 |
| 5.4 | | 7 | 000000000000000000000000000000000000000 | 3.6 | | 7 | 00000000 | 5.0 | • | 00000000 |
| . HÖ. | TH. | 9 | 00000000 | 5 | Ŧ | 9 | 00000000 | . HO: | _ | 00000000 |
| HORIZ | SOUTH | 5 | | HORIZ | SOUTH | 2 | | HORIZ | SOUTH | 00000000 |
| 0. | AT ION: | | 000000000 | 11 | : NOI 1 | | 00000000 | 12 | TION | 4 0000000 |
| MCNTH: | ORIENTATION | _ | 25.00 30.00 30.00 50.00 60.00 | MONIH | ORIENTA | - | 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | MONTH: | ORIENTA | 7111 10.00 20.00 25.00 35.00 50.00 |

| | . 125 | TOTA | VIION | 60 | 9 N | ויו | m . | r | . N. G |) | 1.179 | TOTA | ATION | • | 7 | • | 00 | • | . 12 | .182 | TOTA | TION | 60000000000000000000000000000000000000 |
|---------|--------|----------|-------|----------|------------|----------------|----------|------------|--------|--------|------------|----------|-------|------|-----|------|------|------|----------------|----------|-----------------|-------|--|
| | | DATLY | RADIA | | | | | | - | | | DAILY | RADIA | | | | | | ก่ก | | DAILY | RADIA | ல்ல் ள்ள்ள் ள்ள்ள் |
| | χĎ: | | | | | | • | • | 00 | • | ž Ü | | 20 | | • | | • | | • • • • • | KD: | | | |
| res | | | | • | • - | | • | | 00 | • | | | 19 | ٠ ١ | • | | ٠ | | 00 | | | 19 | 00000000 |
| MINUTE | 260 | | 18 | | | | • | | 00 | | 110 | | | | • | | • | ٠. | 00 | 599 | | 18 | |
| 58 | 9.5 | | ~ | • | | | • | • • | 000 | • | 0.3 | | 17 | ! 0: | 0.0 | • | 0, 9 | ? = | 0.01 | 0.3 | | 17 | 70000000000000000000000000000000000000 |
| DEGREES | •• | | 16 | - | 9.0 | 0 | 9. | 9 0 | 900 | | | | 16 | 9 | 0 | : ~ | 7.7 | : =: | 0.11 | •• | | 16 | |
| 46 DE | K | | 15 | 0. | - | : –: | ~: | 7. | · · · | • | ž | | 15 | : -: | ~:- | - | 7. | | 0.20 | X | | £ | |
| TUDE | | ATION | 14 | 📑 | ~ ~ | - | ~ (| v | 222 | | | ATION | 14 | .20 | .22 | .25 | .26 | 25. | 0.27 | | ATION | 1. | 844444641 844444 |
| LATIT | .20 | RADI | 13 | .15 | | .22 | .23 | , , , , | 200 | | .20 | RADI | 13 | . 23 | .26 | 5.50 | 98. | 31. | 30 | .28 | RADI | 13 | MM 4 4 4 4 4 4 4 4 4 1 |
| ¥ | TY: 0 | SOLAR | | . 16 | 200 | 1 6.7 1 5.4 | ę, | 3,7 | 200 |) | TY: 0 | SOLAR | 12 | .25 | .27 | 200 | | .32 | 0.32 | TY: 0 | SOLAR | 12 | |
| | ECTIVI | HOURLY | 11 | .15 | ~ ~ | .22 | .23 | 2,5 | 720 | ? | FLECTIVITY | HOURLY | 11 | .23 | .26 | .59 | 96 | 32. | 0.31 | ECTIVI | OURLY | 11 | WM 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 |
| | REFLE | Đ Đ | | . 12 | 7. | *** | 6.5 | 2,0 | 200 | | REFLE | 20 | 10 | .20 | .55 | .25 | .26 | . 50 | 0.27 | ZEFLE | ž O | 1.0 | 84444444 844444 844444 84444 84444 84444 84444 84444 84444 84444 8446 8444 8444 8444 8444 8444 8444 8444 8444 8444 8444 8444 8444 8446 8444 8444 8444 8444 8444 8444 8444 8444 8444 8444 8444 8444 8446 8444 8444 8444 8444 8444 8444 8444 8444 8444 8444 8444 8444 8 |
| YMPIA | | | • | | - | : ~ | <u> </u> | 7. | | • | | | • | ~ | 7. | - | -:- | • ~ | 0.20 | | | • | 50 m m m m m m m m m m m m m m m m m m |
| 01.7 | | | • | 25 | 20 | .03 | .03 | | 900 | 2 | | | •0 | .08 | 60. | 207 | 07: | :: | 0.11 | | | •0 | 98969698 |
| OCATION | 3.26 | | | 0 | ٥, ٥ | <u>ب</u> | e, | <u>ت</u> د | 900 | ? | 5.11 | | 7 | .01 | 5.5 | | 5.0 | 50 | 0.0 | 7.29 | | 1 | P0000000000000000000000000000000000000 |
| LOCA | H0 | Ŧ | |) | • | | • | | | | HQ | r | | i - | - | • • | - | | 00. | 9 | I | 9 | |
| | HOR12. | SOUTH | | | • | | • | • | 900 | • | HORIZ. | SOUTH | 'n | | • | | • | | 0.0 0.' | HORIZ. | SOUTH | S | 000000000 |
| | - | : NOI | | | • | | • | • | 999 | • | ~ | ION: | | | • | | • | | 000 | → | ION: | | 800000000 |
| | MONTH: | ORIENTAT | | 9.0 | 0 0 | 5.0. | 0.0 | v c | 20.00 | • • | MONTH: | ORIENTAT | ; | | 0.0 | 5 P. | 0.0 | 0.0 | 50.00 60.00 | MONTH: | ORIENTAT | ; | 220.00 225.00 325.00 455.00 60.00 60.00 |

| | 8.184 | DAILY TOTAL | RADIATION | 4.146 .23 | i | , , , | 701 | • | 136 | DAILY TOTAL | RADIATION | • | -7 | S.c | !! | - 0 | 40 × | ₹. | 0.186 | DAILY TOTAL | RADIATION | 40.00 40.00 | w) Cr | | 0,0 | | ₹. |
|----------|----------|-------------|-----------|-----------------------------|--------|------------------|--------------|----------|------------|-------------|-----------|-----|-------------|------|------|------------|--------|----------------|--------|-------------|-----------|----------------|-------|------------|------|-------|----------|
| | ΚĐ | | | 000 | | | | • | KD | | 20 | į٠ | | • | | • | | • | Ğ | | 20 | 90 | • | • | • | | • |
| ES | | | | 000 | | | • • | • | | | 19 | ! • | . 0 | • | | • • | 200 | • | | | 19 | | 9.0 | • | 0,0 | | • |
| MINUTE | 113 | | 18 | 900 | | • | D O (| ₽. | 295 | | 18 | ! - | ፣ =: | 7.5 | . 0 | e e | 96 | • | 456 | | 18 | ~~ | 7. | . ~ | 0.6 | | ₽, |
| 58 | • | | | 000 | : -: - | 7.7. | 77. | ∹ | | | 17 | ! (| iu | ú | ivi | ~- | 0.17 | 7 | - | | 17 | | Sici | Ņ | in | ! ~ : | - |
| EGREE | :- | | 16 | | نذذ | ivi | ini | Ņ | | | 16 | ! * | . w | w) " | . 1 | w) w | 2.50 | y | Ë | | 16 | | mm | . m | M, M | . ~ . | 7 |
| 9 0 | ¥ | 2 | 15 | |) M) M | 71771 | ~ m. | ~. | × | z | | ! ' | • • | * | . *. | 4 | | ? | × | z | 15 | | 4.4 | * | 4.4 | • | ٠. |
| TUDE | | IATIO | 5 | 0 0 0 4 4 4 W 11 4 | ** | | . . | *. | | AT10 | \$ | ! * | نەن | 5 | ini | رن بر | .00 | • | | A 7 10 | 7 | | N | | ĸ, ĸ | | * |
| LATI | 0.20 | RAE | 13 | | 900 | 90 | | e. B | 0.20 | R RADI | 13 | | . e | 9.0 | 9 | 9 4 | 50.0 | r. | 0.20 | R RADI | | 90 | 9 4 | 9 | 0 c | | 9.5 |
| K | ITY: | SOLA | ~ | | | - 60 U R / (| 90 | *. • | IIY: | SOLA | 12 | | . o | 9. | 9.0 | 9.4 | 100 | C. | VITY: | SOLA | - | - | 9.4 | 9. | 9.0 | | 9. |
| | EFLECTIV | HOURLY | 11 | 900 | 10. | 0.00 | 0 00 N N | *. • | FLECTIVI | HOURLY | 11 | | ^ • | 9 | 9.0 | 9.0 | 9.56 | | EC 7 I | HOUR? | 11 | 00 | 9.0 | 9. | 0 e | | 6 |
| | REFL | • | 10 | 6 0 .43 7 6 .45 8 6 8 | | . 4 | 4 | ٠. • | REFL | _ | 10 | | ה ה ה | 50 | 90 | | 200.00 | f. 5 | REFL | • | | 00 | | . 63 | 9 | 90 | 6 |
| YMPI | | | • | 90.00 | 900 |) M | n n | r. 0 | | | • | | . • | • | | 4.4 | | ?. = | | | • | | 9.0 | | 0.0 | | м. О |
| ō z | 58 | | •0 | 999 | 10.0 | 90 | 90 | 5.0 | 13 | | •• | | n m | m. |) M | | , O | 7. D | 72 | | • | . w.w. | 00 | | 0.0 | 200 | |
| LOCATION | | | | 600 | | 9 0 | 00 | | . 11. | | 1 | |) | | | 90 | 77. | ر د | : 11. | | | | 00 | | 2.0 | ٠ ټ | Ġ |
| 2 | Z. HO | HLDO | | 000 | | 9 0 | | | Z. FB | HLOOS | i | | 2 C | 200 | , o | 90 | 200 | D | Z. HO | OUTH | | | | | 90 | , m | , e |
| | HORI | v | | 000 | | | | <u>.</u> | HORIZ | <i>(</i> 1 | | | 9 6 | | | | - | • | HORI | 80 | | | | | 00 | - 0 | |
| | • | AT ION: | | 000 | | | • • | • | 1 0 | ATION: | | • | • | • • | | • | 900 | • | • | ATION: | | 90 | | | • | • • | • |
| | MONTH: | ORIENTA | | | 900 | D 0. | • | e | MUNTH: | ORIENT! | ; | _ | 0 C | | 000 | 5.0 | 200 | 0 . | MONTH: | ORIENT! | i | -0.0 | | 0 | 9.0 | | o. • |

| | 0.182 | ILY TOTA | RADIATION | • - | 6.17 | 7 | | ~ " | | 9.186 | DAILY TOTA | ADIATION | * | 7, | i | Ņ | ×-: | 4.98 | 1 | 9.188 | 1LY TOTA | ADIATION | 20 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | พู่ผู้ผู้จ |
|------------|-------------|----------|-----------|-------|-------------------|----------|-------------------|----------|------------|-----------|------------|--------------|-------|-----|------------|------|-------------------|---|----------|--------|----------|----------|--|-------------|
| | KD: | DAI | 1 | ١ | | | | | | KĐ: | Ya | & | ! _ | | | | | | | Ë | M | _ ! | | |
| | × | | | } | | | | <u>.</u> | | × | | | • | • | • | • | | 00 | • | * | | | 00000 | |
| ES | | | 19 | 00 | 0.00 | - | | 0.0 | | | | 19 | | • | • " | • • | ٠. | 00 | 1 | | | 19 | 00000 | |
| MINUTES | Ç | | 18 | | 0.17 | ~ • | • | • | • | == | | | | - | ? = | 9 | - 0 | 0.0 |) , | 0.5 | | 18 | 00000 | 0000 |
| 58 | 6.5 | | 17 | 25. | :5: | , v | .2. | 25. | 19 | 0.51 | | ~ | 1. | 67. | - | 2 | .13 | 97 | ! | 9.3 | | 17 | 60000 | 77.7 |
| REES | | | |) | | 96 | 30 | ~ | 9 | | | | 32 | 4 | \$ Y | • | 9 M | 310 | | | | | 25.22.25.25.25.25.25.25.25.25.25.25.25.2 | 2277 |
| DEGR | . T X | | | 1 P | 9 | 44 | 9 0 7 M | 21 | 04 | KT: | | | 9 | 9 | | 90 | 8 C | A 0 | ; | KT: | | 1 | 47000 | 2000 |
| \$ | | × | - | 2 | | o e | | | | | NO. | | 3 0. | 9 | , B 6 | | 00 | 0 | ; | | × | - | 20000 | 4440 |
| ITUDE | | DIATIO | 7 7 | 0 | 9.0 2.0 3.0 | . | | • | | | MATE | -4 | 0 | | • | | . | | ; | | DIATI | 14 | | 6666 |
| CAT | 0.20 | R RAI | 13 | ı ér | | ii | : ": | | 9 | 0.20 | R RAD | 13 | 15 | 9 | 9 4 | . • | 9 | 9.0 | ? | 0.20 | R RAI | ~ | 40000 | 0000 |
| ¥ | :11: | SOLA | 12 | | 0.75 | ٠. r | `` | | 9 | 11Y: | SOLA | ~ | 9 | • | 0 4 | • | 9 4 | 9.0 | ? | TY: | SOLA | 12 | | |
| | EFLECTIVITY | OURLY | 11 | 1 40, | 0.72 | | : ": | | 9 | EFLECTIVI | HOURLY | 11 | | 9 | 6.4 | | <u>ب</u> ح | 9.0 | ? | ECTIVI | HOURLY | 17 | | |
| | REFLE | 2 | 10 | 9. | 9.65 | 9. | . . | 9 | 9.50 | REFLE | 2 | 7.0 | 1 2 | 'n | ij | , 70 | n, n | , C . C . C . C . C . C . C . C . C . C | • | LEFLE | 2 | 10 | | N. N. N. N. |
| PIA | _ | | | 53 | | 4 | * ** ? | 25 | 0 4 | _ | | • | 44 | 9 | 5 4 | | 5 4 5 4 5 4 | 50 | 3 | - | | 67 | # K O E S | 2222 |
| OL YMP I A | | | • | | 1. 1. 1. | 9 4 | 7 60 | 37 | 700 | | | •• | 32 | 4 | 4 4 | 3 | m r m r | 210 | , | | | | 2222 | 2000 |
| × | .13 | | | | - W | 9 | 9 O | 6 | 9 G 9 G | .52 | | | 0 6 7 | 61 | D • | 18 0 | 220 | 99 | • | .27 | | | \$0000 | 2000 |
| LOCATION | 11 11 | | | 0 | | 00 | > e | 0 | 9 N | - - | | • | 9 | 9 | ν. • | 20 | 9 e | | • • | | | | 99999 | 0000 |
| 3 | Z. HO | SOUTH | | | - | <u>.</u> | - | • | | Z. HO | SOUTH | | 1 | | • | | | 000 | • | Z. HO | SOUTH | _ | 00000 | , -, -, -, |
| | HOR 12 | 20 | | | 9 0 | ٠ | | | • • | HORIZ. | 20 | | • | | ٠ | | • | | • | HORIZ | 20 | | 80000 | |
| | ~ | 110N: | | 9 | | • | | • • | | • | FION: | | | • • | • | | • | 900 | • | • | TION: | | 80800 | |
| | MONTH: | ORIENTAT | ; | 11.0 | | 5.0 | 90 | 0.0 | | HONTH: | ORIENTATI | i | _ | 0 | 0 4 | 0 | ر د د | 20.00 | • | MONTH: | ORIENTA | ; | -0000 | |

| | 0.183 | DAILY TOTAL | RADIATION | 22222222222222222222222222222222222222 | 0.180 | DAILY TOTAL | PADIATION | | 0.125 | DAILY TOTAL | RADIATION | 0.70 0.90 1.09 1.32 1.38 1.54 |
|---------|-----------|-------------|-----------|--|--------|-------------|-----------|---|--------|-------------|-----------|--|
| | Š | | 20 | | ΚĎ | | 20 | 00000000 | ξÖ | | 20 | 00000000 |
| TES | | | | 000000000 | | | 19 | 00000000 | | | 19 | |
| MINUTE | 401 | | 18 | 00000000 | 332 | | 18 | 00000000 | 270 | | 138 | 00000000 |
| 5 58 | | | | | | | | 00000000 | | | 17 | 000000000 |
| EGREE | : | | 16 | 00000000000000000000000000000000000000 | - | | 16 | | Ë | | 16 | |
| 46 D | × | z | 15 | | ¥ | z | 15 | 000000000000000000000000000000000000000 | × | z | 15 | |
| TUDE | | IATIO | - | 00000000 00000000 00000000000000000000 | | IATIO | | 00.23 | | IATIO | 14 | 2222222 |
| LATI | 0.20 | R RAD | 13 | 00000000 00000000 0000000000 | 0.20 | R RAD | 13 | 00.25 | 0.20 | RRAD | 13 | |
| MA | ITY: (| SOLAR | 12 | 00000000 mm444444 nrochinas | ITY: | SOLAI | 12 | 0.22 0.22 0.228 0.33 0.33 | TY: | SOLAI | 12 | 000000000000000000000000000000000000000 |
| | EFLECTIV: | HOUPLY | 11 | 00000000 mmm44444 | ECTIV | OURLY | 11 | | ECTIVI | HOURLY | 11 | |
| | REFL | Ī | - | 00000000 00000000 000000000 | REFL | Ī | 10 | | REFL | Ī | 10 | |
| YMPIA | | | 6 | 200000000000000000000000000000000000000 | | | • | 0.09 0.13 0.14 0.15 0.16 0.16 | | | 6 | 0.05 0.09 0.10 0.11 0.112 |
| 9 | — | | | 00000000 | 8 | | | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | 6 | | | |
| OCATION | 5.0 | | _ | | 3.2 | | | 000000000 | 2.5 | | 7 | |
| LOC | . HO: | H | • | 00000000 | . HO: | H | | 00000000 | . HO: | 표 | • | 00000000 |
| | HORIZ | SOUTH | | | HORIZ | SOUTH | | | HORIZ | SOUTH | Ŋ | 00000000 |
| | 10 | TION: | | 00000000 | 11 | TION: | | 00000000 | 12 | TION: | | 00000000 |
| | HONTH: | ORIENTA | ; | 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | MONTH: | ORIENTA | ; | 220.00 220.00 220.00 20.00 20.00 20.00 | MONTH: | ORIENTA | ; | 250.00 250.00 250.00 250.00 250.00 |

| 27 MINUTES |
|----------------|
| 47 DEGREES |
| LATITUDE |
| MA |
| SEATTLE-TACOMA |
| LOCATION |

| 0.125 | DAILY TOTAL | RADIATION | 0 | 0.179 | DAILY TOTAL | RADIATION | 22.01.3 22.01.3 22.00.2 20.05 20.05 20.05 | 0.182 | DAILY TOTAL | RADIATION | 23.23.33.35.56 20.23.33.33.50 20.23.20 |
|--------|-------------|-----------|--|---------|-------------|-----------|--|---------|-------------|-----------|--|
| KD: | | 20 | 00000000 | KD: | | 20 | 00000000 | Ë E | | 2 | 00000000 |
| | | 19 | 00000000 | | | 19 | | | | - | 00000000 |
| 260 | | _ | 00000000 | 310 | | ~ | 00000000 | 371 | | 138 | 00000000 |
| 0 | | - | 000000000 | 6 | | 17 | | 0 | | 17 | 00000000000000000000000000000000000000 |
| | | 16 | 000000000000000000000000000000000000000 | | | | 0.00 | | | 9 | 00 119 00 |
| 2 | | ~ | 00000000 00000000 00000000000000000000 | X | | 15 | 1 000000000000000000000000000000000000 | K | | 15 | 00000000000000000000000000000000000000 |
| | ATION | 14 | | | ATION | 14 | 00000000 | | ATION | | 0000000 0000000 0000000000000000000000 |
| .20 | RADI | _ | 000000 11.000000 12.0000000 12.0000000000 | .20 | RADI | 13 | 00000000 00000000 00000000 | .20 | RADI | 13 | 00000000 00000000 000000000000000000 |
| 1Y: 0 | SOLAR | ~ | 00.1150 00.120 00.220 00.220 0.220 0.220 | TY: 0 | SOLAR | \vdash | 0000000 0000000 00000000 00000000 | TY: 0 | SOLAR | 12 | 00000000 1 |
| CTIVI | OURLY | 11 | 1 4 - 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | CTIVI | URLY | 11 | 00000000 000000000 00000000000000 | CTIVI | URLY | H | 00000000 0000000 000000000000000000000 |
| REFLE | 뭐 | | 000000 000000 0000000 0000000000000000 | REFLE | 9 | 10 | 00000000 | REFLE | 9 | 10 | 00000000000000000000000000000000000000 |
| | | 0 | 00.000000000000000000000000000000000000 | | | • | 00000000000000000000000000000000000000 | | | • | 000000000000000000000000000000000000000 |
| | | •0 | 0.0000000000000000000000000000000000000 | | | | 855 300 H H H H H H H H H H H H H H H H H H | | | •0 | 00000000000000000000000000000000000000 |
| 3.17 | | 7 | | 5.03 | | | | 7.23 | | 7 | DODGO |
| HO: | I | 9 | | H0: | = | 9 | 00000000 | H0 | x | 9 | |
| HORIZ. | SOUT | 'n | | HORIZ. | SOUT | 'n | 00000000 | HORIZ. | SOUTH | | |
| ~ | TION: | | 00000000 | ~ | 1 I ON: | | 000000000 | m | :NOI | | |
| MONTH: | ORIENTAL | ; | 11.1 10.0 10.0 20.0 36.0 35.0 60.0 60.0 60.0 | MONTH: | ORIENTA | i | 110.00 10.00 20.00 30.00 35.00 40.00 60.00 | MONTH: | ORIENTAI | ; | 110 100 200 250 350 450 600 600 600 600 |

| | 0.184 | AILY TOTAL | RADIATION | 4444444W 0.0000 0.000 0. | 0.187 | DAILY TOTAL | RADIATION | NUNNUNUNA4 40044 40064 40060 | 0.187 | DAILY TOTAL | RADIATION | เกเกเกเกเกเกษง จะกลงเกมเกลง ๗๕๗๚เกษมหอ |
|---------|--------|------------|-----------|--|--------|-------------|-----------|--|------------------|-------------|-----------|--|
| | KD: | _ | 20 | 00000000 | KĐ: | _ | 20 | 00000000 | χ Ö | | 20 | 00000000 |
| ES | | | 19 | 00000000 | | | 19 | | | | 19 | |
| MINUT | .27 | | 18 | | 98 | | 20 | 000000 00000 00000 00000 00000 | 6 0 50 | | 100 | 00.000 |
| 5 27 | 4.0 | | 17 | 0000000 111111111111111111111111111111 | 4.0 | | 17 | 0.22 0.22 0.22 0.22 0.12 15 15 15 | 4.0 | | 17 | 22000000 |
| EGREES | - | | 16 | 00000000 00000000 000000000 0000000000 | Ë | | 16 | | Ë | | 16 | 000000000 88888 8888 8888 8888 8888 |
| 47 DE | Z | z | 15 | 00000000 00000000 000000000000000000 | ¥ | 7 | 15 | 00000000 444444444 786887444 | ¥ | z | 15 | 000000000 40044440 900987909 |
| TUDE | | ATIO | 14 | | | IATIO | 14 | | | IATIO | 14 | |
| LATI | 0.50 | R RADI | | 000000000 40000000000 840444400 | 0.50 | R RAD | 13 | | 0.50 | R RAD | | 00000000 00000000 |
| MA | ITY: | SOLA | 12 | 00000000 00000000 000000000000000 | ITY: | SOLA | 12 | | ITY: | SOLA | ~ | 00000000 0000000 0000000 00000000 |
| ΑA | ECTIV | OURLY | - | 1 00000000 1 | ECTIV | OURLY | 11 | 00000000 | ECTIV | OURLY | | 1 00000000 1 00000000 1 000000000 |
| -TACOM | REFL | x | | 00000000 | REFL | I | 0 | 00000000 | REFL | Ξ | 10 | 00000000 |
| EATTLE | | | • | 1 | | | 6 | | | | 0 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| S | 54 | | | | 12 | | | | 17 | | •0 | |
| OCATION | 6 . | | | 00000000 | : 11. | | | | . 11 | | 7 | |
| 101 | Z. H0 | ОПТН | • | 000000000 | Z. H0 | OUTH | | 00000000000000000000000000000000000000 | Z. HO | DUTH | • | |
| | HORIZ | SOI | | 000000000 | HORIZ | S | ī | | HORIZ | SOS | Ŋ | |
| | 4 | ATION: | | 00000000 | Ŋ | AT I ON: | | 100000000 | 9 | TION: | | |
| | MONTH: | ORIENTA | ; | 7117 220.00 325.00 445.00 60.00 | MONTH: | ORIENTATI | į | 77. 17. 17. 17. 17. 17. 17. 17. 17. 17. | :HINCH | ORIENTAT | i | 25.00 25.00 25.00 25.00 25.00 60.00 |

| 27 MINUTES | |
|----------------|--|
| 27 M | |
| 47 DEGREES | |
| 47 | |
| LATITUDE | |
| Z | |
| SEATTLE-TACOMA | |
| LOCATION | |

| 0.165 | DAILY TOTAL | RADIATION | 7.27 7.20 7.20 7.24 7.15 6.38 8.38 8.38 | 0.183 | DAILY TOTAL | RADIATION | ພບບບບບບບບ ພວບບບບບຸລຸດວ ວິລຸລຸບຸກຈຸດວ | 0.188 | DAILY TOTAL | RADIATION | പെവുകുകുകുകുകുകുകുകുകുകുകുകുകുകുകുകുകുകുക |
|----------|-------------|-----------|--|--------|-------------|-----------|--|--------|-------------|-------------|--|
| X Ö | | N | 00000000 | KD: | | 20 | 0000000 | KĎ: | | 2 | 00000000 |
| | | 19 | 00000000 | | | | 00000000 | | | -4 1 | 00000000 |
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| 5 27 | 9. | | 17 | | | | ~ → | 00000000 | 9 | | 17 | 00000000 |
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| | 0.180 | DAILY TOTAL | RADIATION | 11.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0 | 0.182 | DAILY TOTAL | RADIATION | | 0.186 | DAILY TOTAL | RADIATION | 84444444444444444444444444444444444444 |
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| | MONTH: | ORIENTAT | - | 1111 10.00 22.00 35.00 40.00 60.00 | HINGW | ORIENTAT | | 600.00 600.00 600.00 600.00 | MONTH: | ORIENTAT | ; | 6.0 220.00 325.00 35.00 50.00 60.00 |

| | 0.188 | DAILY TOTAL | RADIATION | 440000044 | 0.182 | DAILY TOTAL | RADIATION | 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | 0.179 | DAILY TOTAL | RADIATION | 66666666666666666666666666666666666666 |
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| | ECTIV1 | OURLY | 11 | 00000000 0000000 00000000 00000000 | ECTIV] | OURLY | - | 0.00 0.72 0.72 0.72 0.72 0.67 0.62 | ECTIV] | HOURLY | 11 | |
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| LA!1 | R RAD | 13 | 00000000 | 0.20 | R RAD | 13 | 00000000 | 0.20 | RRAD | 13 | 00000000 |
| EA ITY: | SOLA | 12 | 0.253 | ITY: | SOLA | | | ITY: | SOLA | 12 | |
| ECTIV | HOURLY | 11 | 00000000 | ECTIV | HOURLY | 11 | | ECTIV | OURLY | 11 | 00000000 |
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| | 0.185 | DAILY TOTAL | RADIATION | (| \$. \$. \$. \$. | • | 1 | 'n | ij | ij | M. | ₹. | 0.188 | DAILY TOTAL | RADIATION | | 5.55 | 9 | 9 | Ą, 4 | 1 | 0 | ij | 0.187 | DAILY TOTAL | RADIATION | r | ` | | 9. | ن. | | M 40 | • |
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| ITUDE | | ATION | 14 | ! | 9 × | | | | 'n | 'n | 4. | ₹. | | ATION | Ä | - | 0.56 | | 9 | ı. | J. R. | 'n | 'n. | | ATION | 14 | - | ن، | 'n | ú | N. IV | نمن | 0.53 6.53 | • |
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| IDBEY | | | • | - | 9.3 | , 4 | . 4 | . • | 5 | 4 | | ۳. | | | • | | | j | 5 | • | Ļ | | 4. | | | • | ! | ٠, u | j | Š | . 3 | • | 4.0 | • |
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| OCATION | 9.6 | | 7 | 1 | 0.17 | 7.0 | - | 0 | 0.1 | 0.1 | 0.1 | 0.1 | 11.0 | | | | 00 | ,, | 0.2 | 9.5 |) C | 9.7 | 0.7 | 11.7 | | ^ | | ۰ را ت | | ر. ت | 00 | | 0.18 | - |
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| | HORIZ | SOUTH | | 1 | 0.0 | • | • | • • | | ٠ | • | • | HORIZ | SOL | | | 0.03 | 9.0 | | - | | • | ٥. | HORIZ | SOUTH | 'n | | 0 | 9 0 | 0 | 00 | 9 | 0.00 | • |
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| S 21 MINUTES | |
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| | 0.179 | DAILY TOTAL | RADIATION | 6666666 666 644 6666 6666 6666 6666 66666 | 0.183 | DAILY TOTAL | RADIATION | | 0.185 | DAILY TOTAL | RADIATION | |
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| | KÖ: | | 20 | 00000000 | KĎ: | | ~ | 00000000 | KD: | | 20 | 00000000 |
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| | 0.185 | DAILY TOTAL | RADIATION | 2.42 | . 00 0 | | -4. | • | 0.182 | DAILY TOTAL | RADIATION | • | 1.5 | 9 | • | • | 2.15 2.21 | | 0.179 | DAILY TOTAL | RADIATION | 00-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1- |
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| | KD: | | 20 | 996 | | | | • | KD: | | 20 | • | • • | • • | • • | • • | • e | | ΚĎ | | | |
| TES | | | - | 000 | • • | • • | | • | | | | ١. | | • | • • | • _ • | 00 | | | | | |
| MINUTE | 432 | | - | 000 | | | | | 376 | | - | 1 | ٠. | • • | • • | | • • | | 312 | | | 890909000 |
| s 21 | • | | 17 | 000 | | | 900 | ? | • | | | 1 | • • | • • | • | | 9.0 | | • | | | 000000000 |
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| 48 D | ¥ | z | 15 | | ivic | iui | 75. | ? | × | - | - | (| ? = : | 7- | | : - : | 0.19 | | * | z | | 00000000 |
| TUDE | | TATIO | 4 | | ייייי | . w. | * * | • | | IATIO | 14 | ! - | 771 | N | ivi | , ~ | 0.30 | | | IATIO | 1 4 | 000000000000000000000000000000000000000 |
| LATI | 0.20 | R RAD | 13 | | • | . 4 | e 4 4 | . | 0.20 | R RAD | 13 | ! 6 | iúi | 7" | | . w | 0.36 | | 0.20 | R RAD | 13 | 470000000 |
| ¥ | ITY: | SOLA | 12 | | | | 4.10.1 | | ITŸ: | SOLA | - | ; (| ivi | ا | , m; | ? ~? | 0.39 | | ITY: | SOLA | 12 | |
| AND | EFL ECTIV | OURLY | 11 | | | . 4 | * * * | • | FLECTIV | HOURLY | 11 | ; • | ini | NW | | ? ~? | 0.36 | | ECTIV | OURLY | - | 4 C C C C C C C C C C C C C C C C C C C |
| ISLA | REFL | I | 10 | 000 | 900 | , m | 9 9 9 | *. > | REFL | I | - | - | 90 | ., c | | 7 6 | 00 | | REFL | I | 10 | 0.170 |
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| = | •• | | ••• | | : -: | : -: | :::· | ₹. | • | | - | İ | 90 | 9 | 0 | 90 | 0.0 | | د | | •0 | |
| OCATION | 4.7 | | ^ | 000 | 201 | | -01 | . | 2.9 | | ~ | • | • • | • | | | 00 | | 2.3 | | ^ | |
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| | HORIZ | SOUTH | 50 | 000 | • | | | • | HORIZ | SOUTH | 5 0 | 1 | • • | ٠ | | | 00 | | HORIZ | SOUTH | | |
| | 10 | 1 I ON: | | 990 | | | | • | == | 1 I ON : | | 1 | | • | | | 00 | | 12 | TION: | * | 60909000 |
| | MONTH: | ORIENTA | ; | -0.00 | 90.0 | 9.0 | | D . | MONTH: | ORIENTA | • | _ | | 0 4 | .0 | V 0 | 50.00 | • • | MONTH: | ORIENTA | | 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 |

| | 0.181 | DAILY TOTAL | RADIATION | | | • • • | | 0.183 | DAILY TOTAL | RADIATION | - | 91 | 2.88 | - | | 0.187 | DAILY TOTAL | RADIATION | ###################################### |
|----------|-----------|-------------|-----------|-------|------|-------|------|--------------|-------------|-----------|--------|--------|------|------|------------------|-------------------|-------------|-----------|---|
| | KD: | | 20 | ••• | | | • • | ä | | 28 | | | | | • • | Ä | | 28 | |
| res | | | 19 | | | | • • | | | 19 | | | | • | • • | | | 13 | •••••• |
| MINUTES | 348 | | 28 | 1 | | | | 406 | | 18 | | | - | | • • | 482 | | 18 | |
| 5 34 | • | | 17 | | | • • | • • | | | 17 | 9.9. | 0.0 | | 9.4 | • | • | | 17 | |
| GREE | <u>:</u> | | 16 | 000 | 44 | | • | | | 16 | 7.7 | 7- | 0.15 | 7. | : - : | •• | | 16 | |
| 46 DE | K | _ | 15 | | 9.15 | | : -: | 2 | _ | 15 | 2 | ini | 0.27 | No | ivi | ¥ | _ | 15 | |
| ATITUDE | | LATION | 14 | 1 | | inin | ių | | RADIATION | * | NM | M | 9.37 | W) W | . m. | | TATION | 14 | |
| LATI | 0.20 | R RADI | 13 | ivivi | | ~ ~ ~ | . m | 0.20 | R RAD | 13 | MM | 4.4 | 7 | * | | 0.20 | R RAD | 13 | 4 N IN N N N N N N N |
| ¥ | ITY: | SOLAR | 12 | inni | 0.30 | Juin | im | +1 | SOLA | 12 | , m, m | * | 4.4 | | • | •• | SOLAI | 12 | |
| | REFLECTIV | HOURLY | = | 000 | | 9 0 E | 90 | REFLECTIVITY | HOURLY | 11 | W.W. | 4 | 0.43 | * | • | EFLECTIVITY | HOURLY | 11 | |
| | REFL | I | 10 | ! ==: | 0.23 | ivi | ivi | REFL | Ξ | 10 | 2.2 | , w, w | 0.37 | | . m. | REFL | Ξ | = | 00000000 |
| YAKIMA | | | • | - | | | | | | • | 0.7 | 96 | 0.27 | 96 | | | | • | 0000000 |
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| LOCATION | W. W | | 7 | | 900 | • • | | 5.1 | | ~ | 9.0 | 96 | | | | 7.3 | | ^ | 00000000 |
| 5 | Z. H0: | SOUTH | _ | | -00 | • • | • • | | HT | • | | | 90 | | | . 1 0: | H | • | **** |
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| | 0.185 | DAILY TOTAL | RADIATION | RURUNUNUA OWA444 AO4 ANUNUNO | 0.178 | DAILY TOTAL | RADIATION | &&&&&&&&&&&&& | 0.176 | DAILY TOTAL | RADIATION | 44444444444444444444444444444444444444 |
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| ES | | | 1 | | | | 19 | 000000000000000000000000000000000000000 | | | 19 | |
| MINUT | 54 | | | 00000000000000000000000000000000000000 | 89 | | 18 | 00000 00000 0000 0000 0000 0000 | 83 | | 18 | HHHHHOOO |
| 34 | 0.5 | | 17 | 000000000000000000000000000000000000000 | 0.5 | | 17 | 0000000 0000000 0000000 00000000000000 | 0.5 | | | 00.23 00.23 00.23 00.25 00.25 |
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| 46 DE | K | | 15 | | KT | | 15 | 000000 000000 0000000 0000000 0000000 | KT | | | 00.00 00 |
| TUDE | | ATION | 14 | 00000000 00000000 00000000000000000000 | | ATION | 14 | | | ATION | 14 | 00.71 00.71 00.71 00.69 00.68 |
| LATIT | .20 | RADI | 13 | 000000000000000000000000000000000000000 | 1.20 | RADI | 13 | | .20 | RADI | 13 | 0.75 0.73 0.73 0.73 0.75 0.75 |
| ΝA | 1Y: 0 | SOLAR | 12 | 0.62 0.70 0.70 0.71 0.71 0.71 0.68 | TY: 0 | SOLAR | - | 00.73 00.73 00.73 00.73 00.73 | TY: 0 | SOLAR | 12 | 0.30 0.30 0.78 0.30 0.78 0.78 |
| | ECTIVI | OURLY | 11 | | ECTIVI | HOURLY | 11 | 0 7 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 | ECTIVI | OURLY | ~ | 0.75 0.78 0.78 0.77 0.77 0.76 |
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| KIMA | | | σ. | 2444000000 744444 7800000074 | | | 6 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | | | Φ. | 00000000000000000000000000000000000000 |
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| | J | TION: | | | ۲C | TION: | | | 49 | TION: | 4 | 00000000 |
| | MONTH: | ORIENTA | į | 110 100 000 2200 2300 2350 600 600 600 600 600 | MONTH: | ORIENTA | į | 110 100 100 100 100 100 100 100 100 100 | MONTH: | ORIENTA | į | 10.0 10.0 220.00 320.00 550.00 50.00 60.00 |

| | .157 | TOTA | TION | \$ | .161 | TOTA | TION | N48000000000000000000000000000000000000 | . 164 | FOTA | TION | 9134788488 913478858488 |
|----------|--------|----------|---------------|--|---------|----------|-------|--|---------|----------|---------------|---|
| | 6 | DAILY 1 | RADIA | VVVVVV00 | 0 | DAILY | RADIA | 444444444 | 0 | DAILY 1 | RADIA | ๛ ฌฺพฺพฺพฺพฺ๛๛๛ฺพ |
| | KD: | | 20 | | KD: | | 0 | 00000000 | KD: | | | 00000000 |
| rEs | | | 19 | 00000000 | | | - | 00000000 | | | | 00000000 |
| MINUTE | 67 | | 18 | | 52 | | 18 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | 39 | | \rightarrow | |
| 34 | 9.0 | | 17 | 00.000 | 9.0 | | 17 | 00000000000000000000000000000000000000 | 9.0 | | _ | |
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| 46 PE | ¥ | | $\overline{}$ | DODD | K. | | 15 | | KT | | 15 | 00000000000000000000000000000000000000 |
| Jan | | ATION | 14 | TOSSSS →SO | | ATION | 14 | 4000000000000000000000000000000000000 | | ATION | 14 | 00.73 00.73 00.73 00.73 00.73 |
| LATIT | .20 | PADI | _ | 00000000 00000000 0000000000 000000000 | .20 | RADI | 13 | 0000 0000 0000 0000 0000 0000 0000 0000 0000 | .20 | RADI | 13 | 00.000 |
| ¥. | TY: 0 | SOLAR | 12 | 00000000 00000000000000000000000000 | 1Y: 0 | SOLAR | | 00000000000000000000000000000000000000 | TY: 0 | SOLAR | 12 | 00000000000000000000000000000000000000 |
| | CTIVI | URLY | ~ | C | CTIVI | HOURLY | 11 | | CTIVI | OURLY | \vdash | 00.0077 |
| | REFLE | 9 | 10 | | REFLE | 문 | 10 | | REFLE | H | 10 | 0.73 0.73 0.73 0.73 |
| KIMA | | | 6 | BBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB | | | 6 | 00000000 00000000 000000000 | | | 0 | 000000000000000000000000000000000000 |
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| | HORIZ. | SOUT | 10 | 000000000 | HORIZ. | SOUTH | | 00000000 | HORIZ. | SOUTH | | 000000000 |
| | · | 10N: | | 00000000 | •• | :NOI | | 00000000 | 6 | ION: | | 00000000 |
| | MONTH: | ORIENTAT | | 11.1 0.0 0.0 20.00 30.00 50.00 60.00 | MONTH: | ORIENTAT | | 10.00 225.00 335.00 50.00 60.00 | MONTH: | ORIENTAT | , | 200.00 300.00 300.00 50.00 50.00 60.00 |

| | 0.180 | DAILY TOTAL | RADIATION | 公ままなみみみみ ・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・ | 0.184 | DAILY TOTAL | RADIATION | 20000000000000000000000000000000000000 | 0.181 | DAILY TOTAL | RADIATION | 11111111111111111111111111111111111111 |
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| | KĐ: | | 20 | | ΚĎ | | 20 | | KD: | | 20 | 00000000 |
| TES | | | 19 | 000000000 | | | | 00000000 | | | 19 | |
| MINUT | 554 | | ~ ! | 00000000 | 425 | | - | 00000000 | 350 | | _ | 000000000 |
| 5 34 | 9. | | ~ | 00000000 | 6 | | - | | 6 | | 17 | 00000000 |
| EGREE | :- | | - | 1 00000000 | :- | | 91 | 00000000 | <u>:-</u> | | - | 00000000 |
| 46 D | × | z | 15 | 00000000 | × | z | 15 | 0000000 | × | z | 15 | 00000000 |
| TUDE | | IATIO | 14 | 0000000000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | IATIO | 14 | | | IATIO | 14 | 000000000000000000000000000000000000000 |
| LATI | 0.20 | RRAD | M) | 00000000 0000000 40000000 | 0.20 | R RAD | 13 | 000000 00000 00000 00000 00000 00000 0000 | 0.20 | R RAD | | 00000000000000000000000000000000000000 |
| ΜA | ITY: | SOLA | 12 | | ITY: | SOLA | 12 | | ITY: | SOLA | | 00000000000000000000000000000000000000 |
| | ECTIV | OURLY | 11 | 000000000 400000000 400000000 | ECTIV | OURLY | 11 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | ECTIV | OURLY | 11 | 000000000000000000000000000000000000000 |
| | REFL | I | 10 | 00000000 W440000000 | REFL | x | 10 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | REFL | I | | 00000000000000000000000000000000000000 |
| KIMA | | | Φ | 0000000 0000000 0000000 00000000 | | | | 0.118 0.118 0.129 0.220 0.220 0.220 0.220 | | | | 000000000000000000000000000000000000000 |
| ΥA | 7 | | •0 | 000000000000000000000000000000000000 | 6 | | •0 | 00000000000000000000000000000000000000 | 2 | | •0 | |
| LOCATION | 5.0 | | 7 | | 3.2 | | | 00000000 | 2.6 | | | |
| 201 | . HO: | H | | | . Hö: | H | | 000000000 | . HO . | TH | | 00000000 |
| | HORIZ | SOUT | | 000000000 | HORIZ | SOUT | | 000000000 | HORIZ | SOUT | | |
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| | 0.183 | DAILY TOTAL | RADIATION | uuddddddd 47011,000 4701,000 600 600 600 600 600 600 600 600 600 | 0.185 | DAILY TOTAL | RADIATION | 0000000000 000000000 00000000 | 0.186 | DAILY TOTAL | RADIATION | WWW4444W 47.001111100 W47.0114000 |
|---------|---------|-------------|-----------|---|--------|-------------|-----------|--|--------|-------------|-----------|--|
| | KD: | | 20 | 00000000 | Š | | 2 | 00000000 | ξĎ | | 2 | 000000000 |
| res | | | 19 | | | | 19 | 00000000 | | | | 000000000 |
| MINUT | 394 | | 18 | 00000000 | 432 | | 18 | 00000000 | 154 | | 18 | 00000000 |
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| E I | 1Y: 0 | SOLAR | - | 1 000000000000000000000000000000000000 | TY: 0 | SOLAR | 12 | 0000000 000000000000000000000000000000 | 1Υ: 0 | SOLAR | 2 | 20000000000000000000000000000000000000 |
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| CCATION | 3.62 | | 1 | 00000000 | 5.45 | | 7 | | 7.57 | | 7 | 0000000 |
| רניכו | . HO: | Ŧ | | 00000000 | . HO: | Ξ | 9 | 00000000 | . HO: | Ξ | | |
| | HORIZ | SOUTI | ₽. | 00000000 | HORIZ | SOUTH | | | HORIZ | SOUTH | 10 | 000000000 |
| | - | :NOI | | 00000000 | ~ | :NOI | • | 00000000 | m | ION: | J | |
| | MONTH: | ORIENTAT | - | 4 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | MONTH: | ORIENTAT | ; | 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | MGNTH: | ORIENTAT | ; | 10.00 20.00 25.00 30.00 55.00 60.00 |

| | 0.186 | DAILY TOTAL | RADIATION | 4 | 9 | • | | 4.72 | 9 | J. | - : | 0.187 | DATIV TOTAL | - | RADIATION | | ທ. ພ.ພ. ພ.ພ. | M | w.c | . . . | ٥. | o vi | 0.188 | DAILY TOTAL | RADIATION | WWWW | vivio 4 | |
|------------|--------|-------------|-----------|---------|----------|-------------|-------------|------|------|--------|----------------|----------|-------------|-----------|-----------|-------|--------------------|-------------|----------|------------------|------|-------------------|----------|-------------|-----------|---|------------------|--------|
| | KD: | | | 0.0 | • | • | • | • | • | • | • | X 0 | | | 20 | ŧ | 00 | | ٠ | | • | | Š | | 20 | | | |
| ES | | | 19 | | ٠ | • | • | 0.0 | ٠ | ٠ | | | | | 19 | - | 00 | 0 | 0.0 | 90 | 9. | | | | 19 | 0.0000 | 0000 | |
| MINUT | 461 | | 18 | 0 | ۰. | | ? = | 0.04 | ٥. | 0 | ٥. | 474 | | | | - | | .0. | 0.0 | | 0. | | 503 | | 18 | 00.13 | ••••• | |
| 5 52 | 0.0 | | 17 | | 7: | -:- | :- | 0.16 | ~ | ∹ | 7. | ·. | | | 17 | - | 0.24 | ij | Ċ, c | 'n | ٦. | | 0 | | 17 | 00.27 | ,,, <u>,</u> , | , |
| EGREE | Ë | | | , m | M) i | ? ~ | | 0.30 | M. | 'n | Ġ | Ë | | | | 1 | 0.36 | Ņ | M) 1 | , m | w. | úú | <u>:</u> | | 16 | | พัพพัฬ | |
| 44 D | ¥ | z | 15 | 4. | 4, | . | . 4 | 0.43 | 4 | \$. | M) | ¥ | | E | 15 | 1 | 4 4 | 4 | * | . 4 | 5 | 0.38 | * | z | 15 | 000000000000000000000000000000000000000 | 4440 | • |
| TUDE | | IATIO | 14 | 0.49 | 0 | ٠. ر د |) C | 0.5 | 0.5 | 0.5 | 4. | | 7 4 7 | 1 4 1 1 | 7 | 1 1 1 | 00 | .0 | 0.0 | | 9.5 | 0.0 | | IATIO | 14 | 00.00 | เห็ญญัง | |
| LATI | 0.20 | R RAD | 13 | 0.54 | | ט ה ט ת |) C | 0.5 | 0.5 | 0.5 | 0.5 | 0.20 | 0 | אא | | 1 | 9 9 | 9. | 9.0 | 9.0 | 9.6 | 0.57 | 0.20 | R RAD | 13 | 99999 | 0000 6660 | • |
| 3 | /ITY: | SOLA | 12 | 4 0.56 | 0.0 | | 9 4 | 9. | 9.0 | 0.5 | 0.5 | /ITY: | Č | 206 | 12 | 1 | 9.6 | 9.0 | 9.0 | 9.0 | 9.6 | | /ITY: | SOLA | 12 | 00000 | 0000 0000 | |
| | ECTIV | HOURLY | 11 | 9 0.54 | | ے د س ہر |) C | 5.5 | 0.5 | 0.5 | 0.5 | ECTIV | 2 | שמח | 11 | | 9.0 | 9.0 | 9.0 | 9.0 | 9.6 | 1 0.57 7 0.53 | ECTIV | HOURLY | 11 | 00000 | 0 000 | |
| AIRE | REFI | _ | 10 | 1 0 . 4 | 0.0 | ے د ت |) C | | 0.5 | 0.5 | 4. | 8 | | _ | - | 1 | 0. | ے . . ہن | | | 0.5 | | REF | _ | 10 | 20000 | ออออ พีพุพัล | • |
| AU CL | | | ! | 9.00 | | | | | 00. | 8 0 | 6 0. | | | | | 1 1 1 | 9 4 | 9 | 0 0 | - m | 200 | 6.00 4.00 | | | | 00087 | 4446 | • |
| <u>z</u> . | 74 | | 1 | 2 0.3 | 8) 0 | , r | , , , | . 0 | 6 0. | 4 0. | з 0. | 19 | | | | 1 | 96 | | 2.0 | | 90. | 6.0 0.0 0.0 | 73 | | 1 | 80 / 10 4 W | 0000 0000 | |
| OCATIO |): 9. | | 1 | 16 0.1 | , o | υπ - | | . o | 4 0. | 3 0. | 3 0. | 0: 11. | | | | 1 | 200 | 96 | 60 | 0 c | 6.0 | 5 0.1 | 11. | | | SHNMO | 6679 | · • |
| = | 1Z. H0 | оптн | | 0.00 | <u>.</u> | | > c | | | 0 | | 12. HC | _ | E 00 | | 1 1 1 | 90 | | 9.0 | , | 2 0. | 02 0.0 01 0.0 | IZ. HO | ОПТН | i | 04 0.1 03 0.1 03 0.1 | 2000 0000 | ; ; |
| | HORI | : 31 | | 0.0 | <u>.</u> | S | • c | | | 0 | | HOR | ٠ | ñ | | 1 | <u> </u> | | <u>.</u> | - | 6 | | HOR] | . 3(| | | 0000 | ; |
| | હ | ATION | | ٠. | • | ٠ | | | • | • | • | ĸ | | A - L - A | | | • | ٠. | • | | • | 00 | 9 | ATION | | 00000 | | • |
| | MONTH: | ORIENT | - | 0.0 | 0.0 | D 6 |) C | | 0.0 | 0.0 | 0.0 | HINCH | | UKIENI | i | _ | 0.0 | 0.0 | 5.0 | 200 | 0.0 | 50.00 | MONTH: | ORIENT | ; | 25.00 35.00 | 0.00 | |

| 52 MINUT |
|----------|
| DEGREES |
| 44 |
| LATITUDE |
| 3 |
| CLAIRE |
| EAU |
| OCATION |

| | 0.184 | DAILY TOTAL | RADIATION | N Q Q N N N N N N Q Q Q Q Q N V Q N V N Q Q Q Q N V Q Q D M N | 0.184 | DAILY TOTAL | RADIATION | ម្នាល់ មាន ១៤ មាន ១៩ ១៩ ១៩ ១៩ ១៩ ១៩ ១៩ ១៩ ១៩ ១៩ ១៩ ១៩ ១៩ | 0.188 | DAILY TOTAL | RADIATION | W4444444 V |
|----------|----------------|-------------|-----------|---|------------|-------------|-----------|--|----------|-------------|-----------|---|
| | ξĎ: | • | 20 | 00000000 | KĐ: | | | 00000000 | ΚĎ | | 20 | |
| ES | | | - | 0000000 | | | 19 | | | | 19 | 00000000 |
| MINUT | 532 | | 18 | 00000000000000000000000000000000000000 | 528 | | 18 | | 200 | | 18 | 000000000 |
| 5 52 | - : | | 17 | | 0 | | 17 | 00000000 | 6 | | 17 | |
| EGREE | :- | | 16 | | Ë | | 16 | | ï | | 16 | |
| 44 D | X | z | 15 | | ¥ | z | 15 | | ½ | z | 15 | |
| ITUDE | | IATIO | 14 | 00000000 00000000 00000000 | | ATIO | | 0000000 0000000 0000000000000000000000 | | IATIO | 14 | 99999999999999999999999999999999999999 |
| LATI | 0.20 | R RAD | ~ | 0.70 | 0.20 | R RADI | 13 | | 0.20 | R RAD | 13 | |
| Ξ | ITY: | SOLA | | 0.733 | ITY: | SOLA | _ | 00.00 00.72 00.72 00.00 0.69 | ITY: | SOLA | - | 0000000 000000 000000 0000000000000000 |
| | ECTIV | OURLY | 11 | | ECTIV | HOURLY | 11 | 00000000000000000000000000000000000000 | ECTIV | OURLY | 11 | |
| IRE | REFL | I | | 00000000 | REFL | I | - | 0.0000000000000000000000000000000000000 | REFL | H | | 1 00000000 1 4 4 W W W W W W W W W W W W A W W A W A |
| AU CLA | | | 0 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | 6 | 44.00000000000000000000000000000000000 | | | | 00000000000000000000000000000000000000 |
| EA | 6 | | | 04.0 0.04.0 0.04.0 0.04.0 0.04.0 0.04.0 | 8 0 | | | 0000000 000000000000000000000000000000 | y. | | - 1 | 000222 |
| OCATION | 11.1 | | 7 | 000000000 | 9.6 | | 7 | 0.120 | 7.5 | | | |
| 100 | . HO: | оптн | 9 | 00000000 | . HO: | TH | \$ | 00000000000000000000000000000000000000 | . HO: | Ŧ | 9 | |
| | HORIZ | Sou | r. | | HORIZ | SOUT | 'n | 000000000 | HORIZ | SOUT | ς. | 000000000 |
| | ^ | TION: | | | •• | TION: | | 00000000 | 6 | TION: | | 00000000 |
| | MONTH: | ORIENTATI | - | 220.00 320.00 425.00 60.00 60.00 | MONTH: | ORIENTATI | ; | 65000000000000000000000000000000000000 | MONTH: | ORIENTAT | - | 220.00 220.00 330.00 60.00 60.00 |

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| | 0.187 | DAILY TOTAL | RADIATION | 00000000000000000000000000000000000000 | 0.183 | DAILY TOTAL | RADIATION | 22222222222222222222222222222222222222 | 0.182 | DAILY TOTAL | RADIATION | 22.032 20.032 20.032 20.032 |
|----------|--------|-------------|-----------|--|--------|-------------|-----------|---|--------|-------------|-----------|---|
| | ξĐ: | | 20 | 00000000 | KD: | | 20 | | χ Ω | | 20 | |
| TES | | | 19 | 00000000 | | | 19 | 000000000 | | | 19 | 00000000 |
| MINUTES | 487 | | 18 | 000000000 | 396 | | 18 | 000000000 | 365 | | 18 | |
| 5 52 | | | 17 | 000000000 | 6 | | 17 | 00000000 | | | 17 | 00000000 |
| EGREE | :- | | 16 | 00000000 | : | | | 00000000 | :- | | 16 | 00000000 |
| 44 D | ¥ | z | 15 | 00000000 | × | × | 15 | 00000000 | ¥ | z | 15 | 00000000 |
| TUDE | | IATIO | 14 | 00000000 | | IATIO | | 00000000 | | IATIO | | 00000000 |
| LATI | 0.20 | R RAD | 13 | 00000000 | 0.20 | R RAD | 13 | 00000000 | 0.20 | RRAD | 13 | 00000000 |
| MI | /ITY: | SOLA | 1 | 24200000000000000000000000000000000000 | /ITY: | SOLA | | 00000000 | /ITY: | SOLA | 12 | 000000000000000000000000000000000000000 |
| | ECTIV. | 10URLY | 11 | 1 00000000 | LECTIV | HOURLY | 11 | | ECTIV. | HOURL Y | | 9 0 0 . 329 0 0 . 359 0 0 |
| AIRE | REFL | - | 10 | 48 18 18 18 18 18 18 18 | REFI | - | 10 | | REFI | - | 10 | . |
| AU CL | | | | 00000000000000000000000000000000000000 | | | • | 000000000 000000000 | | | | |
| ш | 35 | | •0 | | 58 | | •0 | 00000000 | 96 | | | 000000000 |
| LOCATION | . 5. | | 7 | 00000000 | 'n | | - | 000000000 | 2. | | | |
| 10 | Z. H0 | SOUTH | | | Z. HO | SOUTH | | 000000000 000000000 | Z. HO | OUTH | | |
| | HORIZ | 0.5 | | 000000000 | HORIZ | 80 | | | HORIZ | 20 | | |
| | 10 | 11 ION: | 4 | 00000000 | 11 | TION: | • | 00000000 | 12 | TION: | 4 | 000000000 |
| | MONTH: | ORIENTA | ; | 110- 100- 100- 100- 100- 100- 100- 100- | MONTH: | ORIENTA | į | 20.00 20.00 30.00 35.00 50.00 | MONTH: | ORIENTA | ; | 7111 2000 3000 3500 5500 5000 5000 6000 |

| 29 MINUTES |
|------------|
| 44 DEGREES |
| LATITUDE |
| MI |
| GREEN BAY |
| LOCATION |

| 0.182 | DAILY TOTAL | RADIATION | 111222222 4.7.9212222 22.0212222 23.0011222 | 0.184 | DAILY TOTAL | RADIATION | 00000000000000000000000000000000000000 | 0.186 | | - 4! | 4444444 -90111116 -40111116 |
|--------|-------------|-----------|--|--------|-------------|-----------|---|--------|----------|------------|--|
| ΚĎ | | ~ | 00000000 | ΚĎ | | ~ | 00000000 | χÖ | | V ! . | 99999999 |
| | | 19 | 000000000 | | | 19 | 00000000 | | | - 1 · | |
| 386 | | ~ | 000000000 | 115 | | 18 | | 157 | | 51 0. | |
| 6 | | - | 00000000 | 9.0 | | 17 | | 9.0 | | 110 | |
| •• | | 16 | | •• | | 16 | 00000000 11.000000000000000000000000000 | •• | | 9 2 | 0000000 00000000 000000000000000000000 |
| X | | 15 | | K | | 15 | 00000000000000000000000000000000000000 | KT | | ייין די | 0000000 0000000 0000000000000000000000 |
| | ATION | 14 | | | ATION | 14 | 00000000000000000000000000000000000000 | | ATION | 4 4, | 0000 4444 6444 6466 6466 6466 6466 6466 |
| .20 | RADI | 13 | | .20 | RADI | 13 | 00000000000000000000000000000000000000 | .20 | RADI | 2 4. | |
| TY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 714 | 00000000 0000000000 0000000000000000 |
| ECTIVI | HOURLY | 11 | 1 4 8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | CTIVI | HOURL Y | 11 | | CTIVI | OURLY | 7 5 | 0000000 0000000 000000 000000 |
| REFLE | 9 | 10 | 00.000 | REFLE | H | 10 | | REFLE | £ | 0 5. | 000000 4444444 6446644 |
| | | 6 | 00.00 | | | 0 | 000000000000000000000000000000000000000 | | | יאות | 0000000 0000000 00000000 0000000000 |
| | | •0 | 1000000 000000 000000 000000 | | | •0 | 00000000000000000000000000000000000000 | | | 10 i 00 | 0000000 0000000 0000000 00000000 |
| 3.68 | | | | 5.51 | | 7 | | 7.62 | | - 0: | |
| H0: | I | | 00000000 | | Ξ | 9 | 000000000 00000000 | HQ: | I | 9 0: | |
| HORIZ. | SOUTI | 'n | 00000000 | HORIZ. | SOUTH | | | HORIZ. | SOUTH | | |
| - | ION: | | 00000000 | 2 | ION: | 4 | 00000000 | m | :NOI | 1 . | |
| MONTH: | ORIENTATI | į | 4 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | MONTH: | OFIENTAT | ; | 220.00 220.00 220.00 220.00 60.00 | MONTH: | ORIENTAL | ILT 0.0 | 200 200 300 300 500 500 600 600 600 600 |

| | 0.186 | DAILY TOTAL | RADIATION | 44444444 3,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4 | 0.187 | DAILY TOTAL | RADIATION | นุกบุกบุกบุกบุ | 0.186 | DAILY TOTAL | RADIATION | ************************************** |
|----------|--------|-------------|-----------|--|--------|-------------|-----------|--|--------|-------------|-----------|---|
| | ΚÖ | | | 00000000 | KĐ: | | 20 | 00000000 | ΚĎ | | | 00000000 |
| ES | | | 19 | 00000000 | | | 19 | | | | 19 | |
| MINUTE | 494 | | 60 | 000000000 00000000 00000000 | 484 | | | 00000000000000000000000000000000000000 | 513 | | 18 | 000000000000000000000000000000000000000 |
| 5 29 | | | 17 | | 9 | | 17 | 00000000 | • | | 17 | 000000000000000000000000000000000000000 |
| EGREES | Ë | | _ | 000000000000000000000000000000000000000 | 7: | | 16 | 000000000000000000000000000000000000000 | ÷ | | | 44442222222222222222222222222222222222 |
| 0 55 | ~ | 2 | 15 | 000000000 | × | × | - | 00000000 | × | z | 15 | 00000000 |
| TUDE | | IATIO | 14 | 00000000 | | IATIO | 14 | 00000000 | | IATIO | | 00000000 |
| LATI | 0.20 | IR RAD | 13 | 00000000 | 0.20 | AR RAD | 13 | MW & & & W & M & M & M & M & M & M & M & | 0.20 | IR RAD | 13 | 00000000 |
| M | /ITY: | Y SOLA | - | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | /ITY: | . SOL | 12 | MAAAAAAA | VITY: | Y SOLA | - | 88 0 . 68 9 0 . 71 9 0 . 71 9 0 . 71 1 0 . 68 9 0 . 58 |
| | LECTIV | HOURL | 11 | | LECTIV | HOURLY | 11 | 1 0 0 0 0 0 0 0 0 0 0 | ECTI | HOURL | 11 | |
| BAY | REF | _ | 10 | 1 ፋሌህሊሊሊሊሲላ | REFL | | 10 | | REFL | | 10 | 1 6 6 6 6 6 6 6 6 6 6 6 |
| REEN | | | 6 | 000000000 | | | | ~~~~~~~ 00000000 | | | | |
| <u>ت</u> | 77 | | | 88777894N | 20 | | | | 73 | | | |
| LOCATION | 3: 9. | | : | 00000000000000000000000000000000000000 |): 11. | | | 00000000000000000000000000000000000000 |): 11. | | | 000000000000000000000000000000000000000 |
| = | 1Z. HO | оптн | | | 1Z. HO | OUTH | | | 1Z. HO | OUTH | | 004 00.0 003 00.0 005 00.0 005 00.0 |
| | HORI | . 8(| | | HORI | . 8 | | 00000000 | HORIZ | S | | |
| | • | ATION | | 00000000 | 'n | ATION | | 000000000 | • | ATION | | 00000000 |
| | MONTH: | ORIENT | | 20.00 20.00 20.00 30.00 40.00 60.00 | MONTH: | ORIENT | | 220.00 230.00 230.00 230.00 230.00 | MONTH: | ORIENT | į | 7111 0.0 10.0 20.0 30.00 55.00 56.00 |

| 29 MINU | |
|------------|--|
| 44 DEGREES | |
| 5 | |
| LATITUDE | |
| Ξ | |
| | |
| | |
| | |
| GREEN BAY | |
| | |

| | 0.184 | DAILY TOTAL | RADIATION | N | 0.184 | DAILY TOTAL | RADIATION | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 0.187 | DAILY TOTAL | RADIATION | W4444444 8040464 40404804 |
|----------|----------|-------------|-----------|--|----------|-------------|-----------|--|----------|-------------|-----------|---|
| | KD: | | 20 | 00000000 | KD: | | 20 | | KD: | | | 000000000 |
| ES | | | 19 | 00000000 | | | | | | | | 00000000 |
| MINUTE | 32 | | 18 | 20.00 20.00 20.00 20.00 20.00 20.00 | 527 | | 18 | | 909 | | | |
| 5 29 | 0.5 | | 17 | 0.23 0.23 0.23 0.23 0.13 0.13 | 0.5 | | 17 | 0.20 0.20 0.19 0.18 0.18 0.17 | 0.5 | | - | |
| DEGREES | <u>:</u> | | 16 | | Ë | | 16 | · · · · · · · · · · · · · · · · · · · | Ë | | 16 | 000000000 |
| 44 DI | K | 2 | 15 | 00000000 0000000 000000000000000000000 | Z | 7 | 15 | 0000000 447777444 6600000000000000000000 | Σ | ~ | 15 | 000000000 88444444444444444444444444444 |
| ITUDE | | IATIO | 14 | 000000000 00000000 0000000000000000000 | | IATION | 14 | | | IATIO | 14 | |
| LATI | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | | 0.20 | R RAD | | 00000000000000000000000000000000000000 |
| Ξ | ITY: | SOLA | 12 | 0 . 6 . 0 . 0 . 0 . 0 . 0 . 0 . 0 . 0 . | T.Y : | SOLA | ~ | 0.684 0.71 0.72 0.73 0.73 0.68 | TY: | SOLA | 12 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| | EFLECTIV | HOURLY | 11 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | FLECTIVI | HOURLY | - | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | FLECTIVI | HOURLY | 11 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 |
| BAY | REFL | * | 10 | 9000000 | REFL | I | | | REFL | π | 10 | 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| EEN | | | 6 | 1 00 00 00 00 00 00 00 00 00 00 00 00 00 | | | • | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 | | | Φ | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 88 | | | •0 | 1 44.00 1 44.00 1 44.00 1 0 44.00 1 0 44.00 1 0 44.00 | - | | •0 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | σ. | | ••• | 00.23 |
| LOCATION | 11.2 | | 7 | 0.25 0.25 0.25 0.23 0.23 0.13 0.15 | 9.7 | | 1 | 0.20 0.19 0.19 0.13 0.13 0.14 | 7.5 | | 7 | 0.1.0 |
| 100 | . HO: | Ŧ | 9 | 0 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . | . HO: | Ŧ | 9 | 00000000000000000000000000000000000000 | . HG | оптн | 9 | |
| | HOR12 | SOUT | Ŋ | 000000000000000000000000000000000000000 | HORIZ | SOUTH | 'n | 000000000 | HORIZ | SOU | īU | |
| | 7 | TION: | | | •• | 110N: | | | • | TION: | | 00000000 |
| | MONTH: | ORIENTA | | 11[- 10.0 10.0 130.0 130.0 10.0 10.0 10.0 10 | MONTH: | ORIENTA | : | 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | MONTH: | ORIENTA | ; | 11 |

| | 0.187 | DAILY TOTA | RADIATION | ν. a | , W. | ٠'n | 41 | ын 6.60 4.60 | 9.183 | DAILY TOTA | RADIATION | • | 2.1 | 97 | W.A. | 4.4 | | 0.182 | DAILY TOTA | RADIATION | 1.10 | ; r. • | 000 | | |
|----------|-----------|------------|---------------|-------|----------------|---------|-------|--------------------|------------|-------------|-----------|-----|--------------|----------|------|------|-------|--------|-------------|-----------|-------|--------|--------|--|--------|
| | KD: | _ | | 0.0 | | | • | | KĐ: | _ | 20 | i | * • • | | | • | • • | X E | _ | 20 | • • • | • • | | | 1 |
| 1ES | | | 19 | | | | | 00 | | | 19 | 1 | | • • | | • | • • | | | 19 | 000 | | | | |
| MINUTES | 478 | | 18 | 90 | | | 66 | 00 | 402 | | 18 | | | | | • | • • | 367 | | 18 | | | | | |
| \$ 29 | ó | | 1; | 100 | | | 0.0 | 0.02 | • | | 17 | • | P 0 0 | | | • | • • | • | | 17 | | | • • | | |
| DEGREE | <u>:</u> | | 16 | == | | 7. | ~- | 0.20 | :- - | | 16 | ! ' | 90.0 | ? 0. | 0.0 | 0,5 | | Ë | | 16 | | | 900 | | , |
| 4 | 7 | ~ | 15 | 1 5, | im | m.m | WK | 0.36 | × | z | 15 | 1 | 0.12 | | 4 | wo | 10 | ¥ | z | 15 | | 7.7. | 7.7. | : - : - | 1 |
| ITUDE | | [ATIO | $\overline{}$ | 1 12. |) (| 4.4 | 4.4 | 6.4. | | IATIO | 14 | 1 | 0.24 | NW | MM | NW | , m | | AT10 | 14 | 0.15 | ivi | ini | 10.2 |) |
| LATI | 0.20 | R RADI | 13 | 12, | . 4 | n, in | Nin | 500 | 0.20 | RAD | 13 | 1 | 0.25 | J.W. | M) M | 4 | * | 0.20 | R RADI | 13 | | , Wi | 1 min | יייייייייייייייייייייייייייייייייייייי |) |
| 17 | 7 | SOLAI | 12 | 1 4. | ייי. | เวเก | N. IL | 50.00 | •• | SOLAR | 12 | 1 | 0.32 | J. W. | 44 | 4.4 | • | ITY: (| SOLAI | 12 | | | JUNK | , wi wi |) |
| | EFLECTIVI | HOURLY | 11 | 1 15 | * * | เง่าเง่ | Nin | 0.56 | FLECTIVITY | HOURLY | 11 | 1 | 0.30 | . r. | MM | 4 | r vir | ECTIV | HOURLY | 11 | | نمذ | j wi k | |) |
| BAY | REFL | Ī | 10 | 1 2 | ? * | 4.4 | 4 | 4.4 | REFL | Ī | 10 | 1 | 0.50 | 25 | MM | W) M | . w. | REFL | Ī | 10 | | ini | inic | 100 | |
| EEN B | | | • | 100 | Ϋ́M | 'n | W) W | 36.35 | | | 0 | - | 0.12 | <u>-</u> | 30 | inc | 10 | | | • | | : | 0.15 | | ! : |
| 8 | _ | | •• | 1 7. | 7. | 7 | | 0.20 | Ŋ | | •• | - | 0.0 | - | 00 | 0.6 | • • | - | | •• | 0.0 | 900 | 900 | 00 | |
| LOCATION | 5. | | | 1 3. | | 0,0 | 9.5 | 0.02 | 3.6 | | ~ | ŧ | 00 | • • | • • | • | | 3.0 | | ^ | | | 900 | | • |
| 201 | . HO: | Ŧ | • | 1 . | | | • | | . HÖ. | T. | | i | 00 | | | | | 8 | TH | • | | | 900 | | • |
| | HORIZ | SOUTH | | | | • | | 000 | HORIZ | SOUTH | 'n | | 00 | | • | | | HORIZ | SOUTH | | 00 | | | | • |
| | 10 | :NOI | | | | • | • | | 11 | :NOI | | Ì | 00 | • | • | | • • | 12 | : NOI | • | 00 | | 900 | | • |
| | MONTH: | ORIENTATIO | ; | 70.0 | 90 | 0.0 | 9.0 | 20.00 | MCNTH: | ORIENTATION | | _ | 00 | 9 6 | • | 9.0 | 90 | MONTH: | ORIENTATION | | -00 | 900 | | 900 | |

| | 0.183 | DAILY TOTAL | RADIATION | 1.52 | 77 | w. a | 5 | 9.0 | 0.184 | DAILY TOTAL | RADIATION | • | 22.41 3.741 3.035 3.035 | -7 | ww. | • | 9.186 | DAILY TOTAL | RADIATION | WWWAAAAW 4V 4V |
|---------|----------|-------------|-----------|---|------|-------|--------|------------|--------|-------------|-----------|---|----------------------------------|-------|----------|---------------|------------|-------------|-----------|--|
| | KD: | | | 0.0 | | • | • • | | Ä | | | 1 | 000 | • • | • • | | ΚĎ | | 20 | 00000000 |
| TES | | | - | 00 | | • | | • • | | | ~ | i | 000 | | | | | | 19 | 800000000 |
| MINUTE | 400 | | _ | 00 | | • | | • • | 430 | | 18 | ŧ | 000 | | | | 651 | | | |
| 5 52 | 6 | | - | 00 | | • | | • • | 6 | | | ! | 0.00 | 90 | 999 | > • | • | | 17 | |
| EGREE | <u>:</u> | | 16 | 0.04 | 00 | 6.0 | 0 | P.O. | Ë | | | 1 | 0.12 | | · | 7.7. | <u>:</u> | | 16 | |
| 43 DE | ⋤ | _ | 15 | 0.13 | 40 | in | | , ii | ¥ | z | 15 | 1 | 00.52 | NW. | w, w, ı | าเก๋ | 7 | _ | 15 | |
| TUDE | | IATIO | 14 | 0.75 | SIM | M) W | יייי | . w | | ATIO | 7 | 1 | 000 800 800 800 800 | ¢. ¢. | 44. | * * | | ATION | 7 | |
| LATI | 0.20 | RAD | | 308 | M) M | M CA | | 4.4 | 0.20 | R RADI | 13 | 1 | 00.00 | • | 4.4 | ÚÆ. | 0.20 | R RADI | - | |
| 7 | ITY: | SOLAR | 12 | | M M | 4.4 | • | 4. | ITY: | SOLAI | 12 | 1 | 0.57 | * * | ن بن ب | υ'n. | ITY: (| SOLA | 12 | 660000000 6000000000 60000000000000000 |
| | ECTIV | HOURLY | 11 | | M3 M | 1. I. | | 3 · 5 | ECT IV | OURLY | 11 | I | 000 | • | 4. | Ú4. | ECT IV] | HOURLY | 11 | |
| SE | REFLI | Ĭ | 10 | | N.M. | M | . ~? ! | in in | REFLI | Ξ | 10 | ! | 000 | * * | 44. | 5 · 5 | REFL | ¥ | - | 00000000000000000000000000000000000000 |
| CROS | | | | | | in | 101 | in in | | | | 1 | 0.22 | 'n'n | nn. | J.W. | | | • | 000000000 000000000000000000000000000 |
| LA | • | | •0 | | 00 | 0.0 | | <u>. ۵</u> | e-4 | | * | 1 | 0.12 | 7.7. | <u> </u> | -:- : | • | | •0 | 222222222 |
| OCATION | 3.7 | | | 00 | • • | • | | | n) | | ~ | 1 | 0.05 | 9.9 | 00 | | 7.6 | | 1 | 699000000 |
| 707 | . HO: | H. | | 00 | • • | • | • • | | 9 | Ŧ | • | 1 | 000 | | | | 5 | Ξ | | 000000000 |
| | HORIZ | SOUTH | 5 | 0.0 | | | | | HORIZ | SOUTH | 'n | 1 | 000 | | | | HORIZ | SOUTH | | |
| | - | TION: | | 00 | • • | • | • • | | ~ | - | • | ŧ | 000 | | • • | | m | TION: | | |
| | MONTH: | ORIENTAL | ; | 7 C C C C C C C C C C C C C C C C C C C | | 0.0 | .0 | 0 O | E E | ORIENTAT | ; | _ | 000 | . e. | • • | 90 | :HINCH | ORIENTAT | | 220.00 220.00 220.00 20.00 20.00 20.00 20.00 |

| | 0.186 | DAILY TOTAL | RADIATION | 4.50 68.50 | | | 94 | • | - : | 0.187 | DAILY TOTAL | RADIATION | • | • | | M) N | 5.19 | • | ė | 787 | • | DAILY TOTAL | RADIATION | • | 9 6 | | - | ų. | • | • |
|---------|------------|-------------|-----------|---------------|-------|---------|---------|-------|------------|----------|-------------|-----------|-------|------------|-----|------|------------|------|-----------------------|-----|-----------------------|-------------|-----------|------|------------|---------------------------|------|-----|------------|----------|
| | KD: | | 20 | 0.0 | | | ٠ | | • | XD: | | | • | • | | ٠ | | ٠ | | | | | ~ 1 | 0 | • | | | • | | |
| ES | | | | 0.0 | • | | | | • | | | 19 | ! | . . | | 9 | 9 | 0 | | | | | 19 | 9 | , , | 0.0 | 0 | 0.1 | 9 6 | · • |
| MINUTES | 458 | | 13 | | 0.6 | | | | e, | 482 | | 18 | ! | <u> </u> | :- | 0 | 0.0 | 0. | | 5 | 4 | | 28 | 7 | <u>∵</u> • | 000 | 9 | • | 9 6 | 0 |
| 5 52 | 6 | | 17 | 9.0 | 7 | : -: | Ξ- | : = : | Ξ. | • | | • | ! | 'n٠ | ,4 | Ġ | | ۳, | → | _ | • | | 17 | ~~ | Ņ | 24.0 | . 61 | i | , - | : -: |
| DEGREE | : . | | 16 | 60 | M. M. | . m | | 90 | 9.5 - | Ë | | 16 | 1 | M. F | | m. |) M | D. 0 | 90 | į | - | | - | 9.0 | 9 | 9 6 | | 0.3 | 7 6 | 0.5 |
| 43 D | ¥ | 2 | 15 | 60 | 0 | . 4 | 0 0 | | e | × | × | 15 | 1 | • | . 6 | 9.0 | , 4 9 0 | 4.0 | | • | 4 | z | 15 | 0.5 | 0 | 0.52 | 0.0 | 5.0 | - 4 | • |
| ATITUDE | | ADIATION | 14 | 00 | | , 0 | 0.0 | 90 | 5 . | | DIATION | = | | | 90 | 0 | . v. | 9 | | | | IATIO | 14 | 9.0 | 9. | 0.67 | 9. | 9.0 | ے د ب | 9 |
| LATI | 0.20 | ~ | 13 | 00 | 900 | | 0.0 | 90 | 5. | 0.21 | R R | 13 | 1 1 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 0.53 | | 9 7 . 0 | R RADI | 13 | 9.0 | 9.0 | 9.0 | 9.0 | 9 | 9 6 | |
| 13 | VITY: | SOLA | 12 | 00 | 9.0 | 9.0 | 9.0 | 9 6 | o .v | ITY: | SOLA | 12 | ! | 9.0 | 9.0 | 9. | 9.0 | 9.0 | 0.55 | > | _ | SOLA | _ | 0.6 | 0 | - G | 0.7 | 9.0 | 9 6 | |
| | FLECTIV | HOURLY | 11 | | | | 0.0 | | | LECTIV | HOURLY | 11 | 1 | 9 4 | 9.0 | 9. | 9.0 | 9.0 | 2 0.58 7 0.53 | | בנו זי | HOURLY | 11 | 9.0 | 9 | 79.0 0.0 0.0 0.0 | 9 | 9.0 | 6 4 6 4 | . |
| SSE | REFI | • | 10 | 1 40 | | | 0.0 | | 4 . | REFI | - | | 1 | 9 | .00 | 0.0 | 5 6 | | | i i | L L | _ | | 9. | 9. | 9 0 | 9. | 9 | , v | 9 |
| A CROS | | | • | 144 | 00 | | • | 7 4 | ۳. و | | | • | !!!!! | 9.0 | . 4 | 0 | , 4 9 0 | 9 | 6 M D 40 D 40 | | | | • | 5 | 0 | D = | .0 | 5 | 5 G | |
| _ | .82 | | •• | IMM | 0.0 | | ۳. د | 90 | | 21 | | | 1 | D. W | 90 | ٠.٠ | 200 | . O | 2.0 2.0 2.0 | | c | | ** | 4.0 | 4.0 | | | 0.0 | n | .2 |
| OCATION | | | | 5 0 .1 | 200 | 4 0 . 1 | 7.0 | 7 O S | 3 0 .1 | : 11. | | | 1 | | | | | • | 0 0 0 0 1 1 1 1 | : | . 11 | | | | | D C | | 0 | o | |
| 2 | Z. HO | SOUTH | | 00 | 6 | | | | ė | Z. H0 | SCUTH | | ! | 90 | | 200 | , e | | 9.0 | 7 | 14. nu | ОПТН | | 9 | 0 | , c | | 2 | | 101 |
| | HORIZ | | | 00 | 6 | 9 0 | 6 | | ė | HORIZ | | | | • | | | | • | | 2 | HOK | 20 | | 0.0 | | | | 6 | • • | |
| | • | TION: | • | 00 | | | ٠ | | • | • | ATION: | | | • | | • | • • | • | 90 | • | ٥ | ATTON: | | 0.0 | • | | • • | | • | |
| | MONTH: | ORIENTA | 1 | - 0 0 | | 90. | 9.0 | .0. | e, 6 | MONTH: | ORIENT! | į | _ | 0.0 | 90 | 5.0 | D 0 | 0 | 50.03 60.00 | - | HINDL | ORIENTA | i | -0.0 | 0.0 | ٠ | 0 | 5.0 | 00 | 0 |

| DEGREES 52 MINUTES | |
|--------------------|--|
| 43 D | |
| LATITUDE | |
| 3 | |
| LA CROSSE | |
| LOCATION | |

| | | UTH |
|----------|---|--|
| | _ | |
| - ! | 9 9 10 | 01 6 8 7 9 5 |
| | 0 41 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 113 0.27 0.41 0.53 0.6 110 0.24 0.41 0.54 0.6 09 0.24 0.39 0.54 0.6 08 0.23 0.35 0.53 0.6 |
| N 90 90 | 9.36 9.50 9.6 0.33 9.47 9.5 9.29 9.42 9.5 | .01 0.06 0.20 0.36 0.50 0.6 .01 0.05 0.17 0.33 0.47 0.5 .01 0.05 0.14 0.29 0.42 0.5 |
| LEC | 75 REF | »E |
| HOURLY | - | SOUTH |
| | • | 6 7 8 9 10 |
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| ECT | 16 REFL | REF |
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| 00000000 | | 00 0 11 0 0 24 0 15 0 0 5 0 1 0 0 0 1 0 0 0 1 0 0 24 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |

| | 0.188 | DAILY TOTAL | RADIATION | 0 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 | 0.184 | DAILY TOTAL | RADIATION | 22.22.22.22.22.23.23.23.23.23.23.23.23.2 | 0.182 | DAILY TOTAL | RADIATION | 11.16 11.69 11.90 12.10 12.10 13.70 |
|----------|---------|-------------|-----------|---|--------|-------------|-----------|---|--------|-------------|-----------|--|
| | KD: | | | 00000000 | ΚĎ | | | 00000000 | KD: | | 20 | |
| TES | | | 19 | 000000000 | | | 19 | 00000000 | | | 19 | 00000000 |
| MINUT | 464 | | 18 | 00000000 | 415 | | 18 | 00000000 | 374 | | 18 | 000000000 |
| S 52 | | | 17 | 00000000 | | | 17 | | | | | |
| EGREE | :- | | 16 | 00000000 | Ë | | 16 | 00000000 | :: | | 7 | 000000000000000000000000000000000000000 |
| 43 D | × | <u>z</u> | 15 | 00000000 | × | × | 15 | 00000000 | × | × | | 00000000 |
| TUDE | | IATIO | | 00000000 | | IATIO | 14 | 00000000 | | IATIO | - | 00.22233000.330000.330000.330000.330000.330000.33000.33000.33000.33000.33000.33000.33000.33000.33000.330000.33000.33000.33000.33000.33000.33000.33000.330000.330000.3300000.330000.330000.330000.330000.330000.330000.330000.330000.33000000 |
| LATI | 0.20 | RRAD | 13 | 00000000 | 0.20 | RRAD | 13 | 0000000 | 0.20 | R RAD | 13 | 00000000 |
| ĭ | ITY: | SOLA | 12 | 00000000 | ITY: | SOLA | | 00000000 | ITY: | SOLA | 1 | 000000000000000000000000000000000000000 |
| | FLECTIV | OURLY | 11 | | ECTIV | HOURLY | 11 | 00000000 | ECTIV | IDURLY | 11 | 000000000000000000000000000000000000000 |
| SE | REFL | I | | 60000000 | REF | - | ~ | W | REFL | I | 10 | 00.225000 00.225000 00.225000 |
| CROS | | | 6 | 00000000 | | | 6 | | | | 6 | 00.100 |
| ו רא | 51 | | •0 | 2 0 0 2 0 0 1 1 2 1 1 1 1 1 1 1 1 1 1 1 | ñυ | | •0 | | = | | •0 | 000000000000000000000000000000000000000 |
| LOCATION | | | ~ | 000000000 | 3.7 | | | | 3.1 | | | 000000000 |
| 10 | . но | ОПТН | 9 | | Z. H0 | SOUTH | | | Z. H0 | SOUTH | 9 | |
| | HORIZ | SOI | ĸ | | HORIZ | 301 | 5 | | HORIZ | 80 | 5 | |
| | 10 | TION: | | 00000000 | 11 | TION: | | 00000000 | 12 | TION: | | 00000000 |
| | MONTH: | ORIENTAT | ; | 71[1] 10.00 20.00 25.00 35.00 45.00 50.00 | MONTH: | ORIENTA | | 10.00 20.00 35.00 45.00 60.00 | MONTH: | ORIENTA | i | 10.00 20.00 20.00 30.00 35.00 50.00 50.00 |

| | 0.184 | DAILY TOTAL | RADIATION | 96 | 2 | 110 | 201 | 60 e0 10 e0 10 e0 | | 0.185 | DAILY TOTAL | RADIATION | • | 2.54 | <u> </u> | 3 | 4. | ūφ | ú | 0.186 | DAILY TOTAL | RADIATION | N. | ۳ ۰ | : -: | in | 10 | 4.19 | • |
|-------|---------|-------------|-----------|------|------|-------------|------|-------------------------|--------|--------|-------------|-----------|---|--------------|----------|----------------|------|------------|--------------|------------|-------------|-----------|------|------------|------|-------|------------|---------|------------|
| | KD: | 7 | | 0.0 | • | • • | • | | • | KD: | _ | | • | | • | • | • • | ٠. | | KD: | _ | 20 | | • | | • | ٠. | 0.0 | • |
| ES | | | - | | • | | | 000 | • | | | 19 | ì | 00 | • | • | • • | | • • | | | 19 | | • | • • | • | | 0.0 | • |
| MINUL | 115 | | 18 | | | • • | • | .00 | • | 143 | | | • | 0.0 | • | ٠ | | • | | 09: | | 18 | 0. | | | ٥. | . 0 | 0.0 | > . |
| ••• | 4.0 | | I | | | • • | • | | • | 4.0 | | 17 | 1 | 0.02 | 0. | = | . 0 | - - | | 4.0 | | 17 | 0. | | • | Ξ- | • | 0.10 | 7 |
| GREES | | | | 00 | .0. | ? ? | 0.0 | 0.00 | • | ** | | | 1 | 0.13 | 7. | † _ | • | 0 | 10 | <u>:</u> : | | 16 | Sic | 'nν | 14 | in | , (| 0.25 | Ÿ. |
| 43 DE | K | _ | 15 | | | 10 | ü۷ | 0.26 | | Ž | _ | 15 | 1 | 6.23 0.27 | m | 7 1 | m | J. W. | , m | Z | _ | 15 | , W. | , h | М | 17.14 | . 4 | 0.39 | ? |
| ITUDE | | ATION | 14 | 100 | | . w. | W. W | 80 K | | | ATION | 75 | 1 | 0.32 | 4 | 4 | 4 | 3.3 | 4 | | ATION | 14 | * | 4 | . 4. | ين بر | Ü | 50.50 | 3 * |
| LATIT | .20 | RADI | 13 | 1 21 | | | 2.4 | | • | .20 | RADI | 13 | 1 | 0.37 | 3 | * 4 | 'n | i, ii | iυ | .20 | RADI | 13 | 4. | ΰn | jν | יט גי | Ú R | 0.56 | ņ |
| ΜI | TY: 0 | SOLAR | | 100 | , w | * * | 4. 4 | 7.4 | • | TY: 0 | SOLAR | 12 | ; | 0.39 | 4. | ئبر | . אי | ທີ່ຕໍ | نبن | TY: 0 | SOLAR | ~ | 4 | יט מ | نب | 'nίπ | Ů ĸ | 0.59 | ٠. |
| | ECTIVI | OURLY | 11 | | | ? • | 4.4 | * | • | ECTIVI | URLY | 11 | ! | 0.37 | 4 | 4 | , ru | יה יה | jη | CTIVI | OURLY | 11 | 4. | ט ג | ٠, | υ'n | L | 0.56 | ņ |
| | REFLE | ¥ | | 1 | 110 | 217 | m, m | | | REFLE | HO | | ! | 0.32 | 3 | ن و | . 4. | 2.2 | . 4 | REFLE | H | 10 | 4. | J | . 4 | יו נא | نَى | | ₹. |
| DISON | | | | | ivi | 10 | sic | | | | | | 1 | 0.23 | ا | ٠, ۲ | 'n | . w | , w | | | 6 | | M W | j m | W, M | | | ?. |
| MA | 2 | | | . 00 | . 0. | | 0,0 | 0.00 | • | ĸ | | *0 | 1 | 0.13 | : =: | ٦,- | - | ٦, | , ~ <u>.</u> | • | | | 1 21 | ÿ | ivi | Sic | iv | 0.25 | |
| ATION | 3.9 | | | | • • | | • | | • | 5.7 | | | 1 | 0.02 | | <u>د</u> د | . 0 | <u> </u> | | 7.7 | | 7 | 0.0 | Τ | : -: | 7. | 7. | ! ~ ! ^ | ∹ |
| LOCA | . HO: | TH. | - | 0.00 | • • | | • | • • | • | . HO: | ΤH | 9 | ŀ | 00 | | ٠ | | ٠ | | . но: | Ξ | 9 | | 0, 0 | 90 | 0.0 | | | . |
| | HORIZ | SOUT | 'n | • | | | ٠ | 900 | • | HORIZ | SOUT | ν. | 1 | 00 | | • | • • | • | • • | HORIZ | SOUTH | | | • | | • | | | ٠ |
| | 7 | : NOI | 4 | 0.0 | | | • | 900 | • | 8 | :NOI | 4 | 1 | 0.0 | | • | • • | • | • • | m | : NOI | 4 | | • | • • | • | • | 0.00 | • |
| | MONTH: | ORIENTAT | ; | -0.0 | 9.0 | ٠. د. د. | 5.0 | | ء د | MONTH: | ORIENTAT | ; | _ | 0.0 | 0 | | | 0 6 | | MONTH: | ORIENTAT | ; | 0.0 | 0.6 | | 0.0 | ٠. م. د | • • | 0.0 |

| | 0.185 | DAILY TOTA | RADIATION | 44444444 4106000000 4106000000 400000000 | 0.187 | DAILY TOTA | RADIATION | เกเนเกเนเนน นับแนนแบน นับแนนแบน ยะเมละเขอรอ | 0.185 | DAILY TOTA | RADIATION | AAANNNNNA HHGA S AANON NASAANOON |
|----------|--------|------------|-----------|---|---------|------------|-----------|---|--------|------------|-----------|---|
| | KÖ: | | 20 | 00000000 | ΚĎ | | 20 | 00000000 | KD: | | | 00000000 |
| res | | | | 00000000 | | | 19 | 00000000 | | | 19 | |
| MINUTE | 447 | | ~ | | 489 | | 18 | 00000000 | 524 | | 18 | |
| s s | | | 17 | 24 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 9. | | 17 | 00.23 | 9 | | 17 | 0.28 0.23 0.23 0.23 0.17 0.17 |
| EGREES | :- | | ~ | 00000000000000000000000000000000000000 | Ë | | 16 | 0.35 0.35 0.35 0.35 0.35 0.35 0.35 | Ë | | 16 | |
| 43 DI | × | ~ | - | 00000000000000000000000000000000000000 | × | _ | 15 | 00000000 444444444 8668 | ¥ | ~ | | 00000000000000000000000000000000000000 |
| ITUDE | | IATION | 14 | 00000000000000000000000000000000000000 | | TATION | ~ | 00000000 00000000 000000000 00000000 | | IATION | 14 | 00.00 00.00 00.00 00.00 00.00 00.00 |
| LATI | 0.20 | R RADI | 13 | 00000000 000000000 00000000000000000 | 0.20 | R RADI | 13 | | 0.20 | R RAD | 13 | 0.68 0.71 0.70 0.70 0.69 0.68 0.62 0.52 |
| Ħ | ITY: (| SOLA | 12 | | 1TY: (| SOLA | 12 | | ITY: (| SOLAF | 12 | 00.72000.72000.72000.72000.72000.72000.72000.69900.69900.59900.59900.59900.59900.59900.59900.59900.59900.59900.59900.59900.599000.599000.599000.599000.599000.599000.599000.59900.59900.59900.59900.59900.59900.59900.59900.59900.59900.599000.59900.59900.59900.59900.59900.59900.59900.59900.59900.599000.59900.59900.59900.59900.59900.59900.599000.59900.59900.59900. |
| | ECT1V. | HOURLY | - | 00000000 10000000000000000000000000000 | ECT IV. | HOURLY | 11 | 00000000 66666666666666666666666666666 | ECTIV | OURLY | 11 | 00.00 00 |
| | REFL | Ŧ | | 00000000 40000000 | REFL | Ī | 10 | | REFL | Ŧ | 10 | |
| DISON | | | • | 000000000 444444488 | | | • | 00000000 444444444 866687448 | | | Φ | 00000000 00000000 000000000 00000000 |
| AA | 7 | | | | m | | •• | | м | | _ | 2444 2444 2444 2444 2444 2444 2444 244 |
| LOCATION | 8 | | 7 | 00000000 | 11.2 | | ^ | 00000000000000000000000000000000000000 | 11.7 | | | 80000000000000000000000000000000000000 |
| 707 | . H0: | Ŧ | 9 | 000000000 00000000 | . HO | H | 9 | 0.0000000000000000000000000000000000000 | . H0: | Ŧ | 9 | 00000000000000000000000000000000000000 |
| | HORIZ | SOUT | 'n | | HORIZ | SOUT | N) | 0.010.0 | HORIZ | SOUTH | Ŋ | |
| | ড | TION: | | 00000000 | 'n | TION: | | 00000000 | 9 | TION: | | 00000000 |
| | MONTH: | ORIENTA | | 11. 0.00 22.00 30.00 40.00 60.00 | MONTH: | ORIENTA | - | 20000000000000000000000000000000000000 | MONTH: | ORIENTA | - | 10.00 30.00 30.00 50.00 60.00 60.00 |

| | 0.182 | r TOTAL | NOITE | 6666 1111 1110 | 0.181 | TOTAL | MOITA | 20000000000000000000000000000000000000 | 0.184 | TOTAL | LATION | 44.00 44.47 44.93 44.95 44.95 44.86 44.86 |
|---------|--------|----------|-------|---|--------|----------|-------|--|--------|----------|------------|--|
| | | DAILY | RADI | | | DAILY | RADI | | | DAILY | RADI | |
| | KD: | | N | 00000000 | KD: | | | 00000000 | KD: | | 20 | |
| ES | | | 19 | | | | 19 | 00000000 | | | prof. | 00000000 |
| MINUT | 43 | | 13 | 00.00 | 49 | | 18 | | 28 | | | |
| ₩ | 0.5 | | 17 | | 0.5 | | 17 | 00.20 | 0.5 | | 17 | 000000000000000000000000000000000000000 |
| EGREES | | | 16 | | •• | | 16 | ที่ติดติดติดติด | •• | | _ | 200000000000000000000000000000000000000 |
| 43 DE | K | | 15 | | X | | 15 | 0-10000-050 | K | | | 000000000000000000000000000000000000000 |
| TUDE | | ATION | 14 | ውስውያውውው ሁለውያው ተረያው ከ | | ATION | 14 | 204244444 20424444 | | ATION | 14 | စာယစ ပစ္စစ္စစ္ |
| LATIT | .20 | RADI | 13 | 0.72 | .20 | RADI | 13 | 662233266 | .20 | RADI | 13 | 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |
| M | TY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | るととととというない | 1Y: 0 | SOLAR | 2 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 |
| | ECTIVI | HOURLY | | 00.77 | ECTIVI | OURLY | 11 | 692233 | ECTIVI | OURLY | 11 | |
| | REFLE | 8 | 0 7 | | REFLE | 0 H | 0 | 0000000 0000000 0000000000000000000000 | REFLE | HOH | 10 | 000000000 4.0.0.0.0.0.0.0.0 8.0.0.0.0.0.0.0.0 8.0.0.0.0.0.0.0 |
| DISON | | | ٥ | 10000000 10000000 100000000 14004000000 | | | 6 | 0000000 4444 444 | | | 0 | 000000000000000000000000000000000000000 |
| MAD | | | 80 | 1 00000000 1 4444 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | 0000000 000000 00000000 00000000000000 | | | 6 Ô | 000000000 0000000000000000000000000000 |
| OCATION | 11.22 | | | 00.00 00 | 9.80 | | | 00.00 | 7.76 | | 1 | 000000000000000000000000000000000000000 |
| LOCA | 9 | æ | 9 | 00.000000000000000000000000000000000000 | H0: | æ | 9 | 00000000000000000000000000000000000000 | :0H | æ | 9 | |
| | HORIZ. | SOUTH | | 000000000000000000000000000000000000000 | HORIZ. | SOUTH | | 00000000 | HORIZ. | SOUTH | | 00000000 |
| | 7 | : NOI | | 000000000 | •0 | : NOI | | 00000000 | • | ION: | • | 000000000 |
| | MONTH: | ORIENTAT | ; | 60.00000000000000000000000000000000000 | MONTH: | ORIENTAT | ; | 225.00 225.00 225.00 200.00 200.00 | MONTH: | ORIENTAT | ; | 20000000000000000000000000000000000000 |

| | 0.186 | DAILY TOTAL | RADIATION | 01000000000000000000000000000000000000 | 0.183 | DAILY TOTAL | RADIATION | 11.22.22.22 20.22.22.25 20.22.23.25 20.22.23 | 0.182 | DAILY TOTAL | RADIATION | 1.53 1.53 1.94 2.16 2.25 2.35 |
|------------|--------|-------------|-----------|---|-----------|-------------|-----------|---|----------|-------------|-----------|---|
| | ά¥ | | 20 | 00000000 | χ Ω | | 20 | 00000000 | ΚĎ | | | 00000000 |
| TES | | | 19 | 000000000 | | | 19 | 00000000 | | | 19 | 000000000 |
| MINUTES | 511 | | 18 | 00000000 | 410 | | 18 | 00000000 | 378 | | 18 | |
| 6 0 | | | 17 | 00000000 | ė | | 17 | 0000000 | ö | | 17 | 000000000 |
| EGREE | :: | | - | 1 00000000 | Ë | | 16 | 00000000 | :- :- | | 16 | 000000000 |
| 43 D | ¥ | × | 15 | 00000000 | × | NO | 15 | 00000000 | ¥ | × | 15 | 00000000 |
| ATITUDE | | IATIO | 14 | 00000000 | • | IAI | 14 | 00.00 00 | | DIATIO | 14 | 00.25 |
| LATI | 0.20 | IR RADI | 13 | 00000000 | 0.20 | IR RAD | 13 | 80000000 | 0.20 | RRA | 13 | 00000000 |
| M | /ITY: | SOLA | 12 | | /ITY: | SOLA | | 00000000000000000000000000000000000000 | VITY: | SOLA | 12 | 00000000 |
| | ECTIV | HOURLY | 11 | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | ECTIV. | HOURLY | 11 | 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ECTI | HOURLY | 11 | 00000000 |
| 7 | REFL | | | | REFI | | | | REFL | | | 8 0 . 2 6 0 . 1 7 1 0 0 0 . 1 7 1 0 0 0 . 1 7 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| ADISON | | | 6 | | | | 6 | 49××88866 | | | 6 | |
| Σ | 62 | | €0 | | 60 | | •0 | 000000000 | 24 | | | 000000000 |
| LOCATION | 5.6 | | | 000000000 | 'n | | | 00000000 | M | | 7 | 000000000 |
| 10 | Z. H0 | SOUTH | 9 | 00000000 | Z. H0 | ОПТН | | | Z. HO | OUTH | • | 00000000 |
| | HORIZ | 80 | | | HORIZ | 80 | | 00000000 | HORIZ | 20 | | 000000000 |
| | 10 | TION: | | 00000000 | 11 | TION: | | 00000000 | 12 | TION: | | 600000000 |
| | MONTH: | ORIENTA | ; | 111 10.00 10.00 25.00 35.00 47.00 50.00 | MONTH: | ORIENTA | ; | 10.00 10.00 20.00 30.00 35.00 60.00 | MONTH: | ORIENTATI | ; | 110 100 100 250 350 400 600 600 600 600 600 |

| | 0.182 | DAILY TOTAL | RADIATICN | | (1) | 34 | ໜ່າບໍ່ | 0.183 | DAILY TOTAL | RADIATION | 2222 8.22 8.24 7.26 8.55 7.55 | 11101 | 9 | 0.18 | DAILY TOTAL | RADIATION | พพพพง44พพ ****************************** |
|--------|----------|-------------|-----------|-----------------|--|----------------|-----------|--------|-------------|-----------|---|-------------------|----------------|--------------|-------------|-----------|--|
| | χD: | | 20 | 000 | | | | KD: | | 20 | 00000 | | • | X | | 20 | 000000000 |
| ES | | | 19 | 000 | • • • | | | | | 19 | 00000 | | • | | | | 00000000 |
| MINUT | 383 | | 18 | 000 | | | | 103 | | 18 | 00000 | | ; | 0 | | 13 | |
| 57 | 0 | | 17 | 000 | | | | 4.0 | | 17 | 00000 | | | ٠. د | | 17 | 000000000000000000000000000000000000000 |
| EGREES | •• | | 16 | | | . . | o.o. | | | 16 | 00000 | 7.7.7. | - : | •• | | 16 | |
| 42 DE | K | | 15 | 0.13 | inni | , vi | uu | KT | | 15 | 2222 | AWWI | ٠. ن | Ž | | 15 | |
| TUDE | | ATION | 14 | | ididi | . w. | mm. | | ATION | 14 | | نمنن | ? | | ATION | 14 | 00.44 00.44 00.44 00.44 00.44 00.44 00.44 00.44 |
| LATIT | .20 | RADI | 13 | 200 1 | | 88°. 88°. | 4. 0.0 | .20 | RADI | 13 | 000000 | * 4. 4. | • | . 20 | RADI | 13 | ቀቀስስስስስስስስ የተመደመስ ተመደመ |
| I 3 | 1Y: 0 | SOLAR | 12 | | . יייייייייייייייייייייייייייייייייייי | 2.4 | 44 | TY: 0 | SOLAR | 12 | W4444 W64194 | | ÷ ' | 14: 1 | SOLAR | 12 | <u> </u> |
| _ | CTIVI | HOURLY | 11 | 255 295 1 | | 3.0 | 44.00 | CTIVI | OURLY | 11 | 400 N M 41 | 1.4.4. V & & i | ٠ ئ | IAI | OURLY | 11 | ************************************** |
| w | REFLE | HO | | 200 | 300 | .32 | ## ## | REFLE | HO | 10 | 989889 989899 | 7004 7006 | ٠. ا | REFLEC | H | 10 | 44444444 046778870 |
| LWAUKE | | | 6 | 0.13 | inn | üü | 44 | | | 6 | 2222 | hwwi | ? | | | 6 | |
| MIL | | | ∞ | 0.04 | 000 | 00 | e.e. | | | | 00000 111111111111111111111111111111 | :::::: | 7 | | | | <u></u> <u>.</u> |
| TION | 3.95 | | | 000 | • • • | | | 5.76 | | | 00000 | 200 | | 7.81 | | 7 | 000000000000000000000000000000000000000 |
| LOCA | : H0: | Ŧ | | 000 | | | • • | 9 | Ŧ | 9 | 00000 | | • | 10 11 | = | 9 | 00000000 |
| | HORIZ. | SOUTH | 1 | 000 | | | • • | HORIZ. | SOUT | - (| 00000 | | D . | HORIZ. | SOUT | 5 | |
| | ~ | ION: | | 000 | | | • • | 2 | ION: | | 00000 | | . | | : NO. | | 000000000 |
| | MONTH: | ORIENTAT | _ | 0.00 | | 0.0 | 0.0 | MONTH: | ORIENTAT | _ | 10.00 10.00 25.00 25.00 25.00 | 000 | | .: | ORIENTATI | _ | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |

| | 0.186 | DAILY TOTAL | RADIATION | 444444 77.000 1445 1445 10141 10141 | 0.188 | DAILY TOTAL | RADIATION | ៷ຎຑຎຑຑຆຨຨ ຑ຺ຨຨຎຨຒຓຎ ຩຎຓຨຎຑຩຓຨ | 0.184 | DAILY TOTAL | RADIATION | 66666666666666666666666666666666666666 |
|----------|--------|-------------|---------------|--|--------|-------------|-----------|--|----------|-------------|-----------|--|
| | ΚĎ | | 0 | | KD: | | 20 | 00000000 | KD: | | 20 | |
| ES | | | \rightarrow | 00000000 | | | 19 | | | | 19 | 000000000 |
| MINUTE | 09 | | ~ | 60000000 60000000000000000000000000000 | 96 | | 18 | | 531 | | 8 | 0.0000000000000000000000000000000000000 |
| 57 | 9.6 | | 17 | 000000000 | 4.0 | | | 00.000000000000000000000000000000000000 | 0 | | 17 | 000000000000000000000000000000000000000 |
| EGREES | :- | | 16 | 00000000000000000000000000000000000000 | : | | 16 | 882 882 882 882 882 883 883 883 883 883 | <u>:</u> | | - | 00000000000000000000000000000000000000 |
| 42 DE | ¥ | | 15 | | Ž | - | 15 | 00000000 40044444 900988448 | Z | z | 15 | 000000000 000000000000000000000000000 |
| TITUDE | | ATION | 14 | | | TATION | 14 | | | IATION | 14 | 00000000000000000000000000000000000000 |
| LATIT | 0.20 | R RADI | 13 | | 0.20 | R RADI | 13 | | 0.20 | R RAD | 13 | |
| E | ITY: (| SOLAF | 12 | 000000000 00000000 0000000000000000000 | ITY: (| SOLA | 12 | | ITY: (| SOLAF | 12 | 0.73 0.73 0.72 0.72 0.66 |
| | ECTIV | HOURLY | 11 | | ECTIV. | HOURLY | 11 | | ECTIV | OURLY | 11 | 0.00 0.72 0.72 0.72 0.72 0.69 0.69 0.69 |
| щ | REFL | Ŧ | 10 | 00000000 000000000 00000000000000 | REFL | Ĭ | 10 | | REFL | Ŧ | 10 | 00000000000000000000000000000000000000 |
| LWAUKEE | | | • | 000000000 144444444 144444444 | | | 0 | 00000000 40044446 0000000000 | | | 0 | 00000000000000000000000000000000000000 |
| M | •• | | | 00000000 200000000 200000000000000 | m | | •• | 00000000000000000000000000000000000000 | 2 | | | 00000000000000000000000000000000000000 |
| LOCATION | 9.8 | | 7 | 0.128 | 11.2 | | | 00000000 | 11.7 | | | 00.223 |
| 100 | . но | Ŧ | 9 | 0 0 0 0 0 0 0 0 0 0 | . HO: | 4 H | | 1 44 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | . HO . | Ŧ | 40 | 0.00 |
| | HORIZ | SOUTH | | | HORIZ | SOUTH | 17 | | HORIZ | SOUT | 2 | |
| | J. | TION: | | | Ŋ | TION: | | | 9 | TION: | | 00000000 |
| | MONTH: | ORIENTA | | 411- 0.0 220.00 320.00 430.00 50.00 60.00 | MONTH: | ORIENTA | į | - 1 | MONTH: | ORIENTA | į | 71[- 0.0 220.00 325.00 35.00 550.00 60.00 |

| | 0.181 | DAILY TOTAL | RADIATION | 66666666666666666666666666666666666666 | 0.181 | DAILY TOTAL | RADIATION | NUNUNUNUA 4.0.1.1.1.0.1.0.1.0.1.0.1.0.1.0.1.0.1.0. | 0.184 | DAILY TOTAL | RADIATION | 444444444 |
|----------|---------|-------------|-----------|--|------------|-------------|-----------|--|--------|-------------|-----------|--|
| | KD: | | | 00000000 | ΚĎ | | 2 | 00000000 | χÖ | | 2 | 00000000 |
| ES | | | 19 | 0.0000000000000000000000000000000000000 | | | | 00000000 | | | 19 | 00000000 |
| MINUT | 51 | | 18 | 00.000 | 52 | | 18 | 0000000 0000000 0000000000000000000000 | 31 | | 18 | |
| 57 | 0.5 | | 17 | 000000000000000000000000000000000000000 | 0.5 | | 17 | 000000000000000000000000000000000000000 | 0.5 | | 17 | 000000000000000000000000000000000000000 |
| GREES | •• | | 16 | 444488888 204688788 | •• | | 16 | WWWWWWWW WKVV \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | •• | | 16 | 00000000000000000000000000000000000000 |
| 42 DE(| × | | 15 | របស់ស្គាល់ស្គ្រង ស្គ្រស់ស្គ្រស់ស្គ ស្គ្រស់ស្គ្រស់ស្គ | X | | 15 | <i>ԳԱՆԱՆԱՆԱԳԳ</i> | X | | 15 | W4444444 804504664 |
| TUDE | | ATION | 14 | | | ATION | 14 | 66666666 6666666666666666666666666666 | | ATION | 14 | 400000000 600000000 |
| LATIT | .20 | RADI | 13 | 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | .20 | RADI | 13 | 6624442066 5624432066 | .20 | RADI | 13 | N |
| 3 | TY: 0 | SOLAR | ~ | 00000000 | TY: 0 | SOLAR | | ଡାଧ୍ୟ ଦବ୍ୟଦ୍ୟ ପ୍ରଥ | 1Y: 0 | SOLAR | 12 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 |
| | IAI | OURLY | 11 | 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | ECTIVI | OURLY | 11 | 66777706 69733370 | ECTIVI | HOURLY | 11 | \$4666666666666666666666666666666666666 |
| ш | REFLECT | HO | 10 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | REFLE | H0 | 10 | 00000000000000000000000000000000000000 | REFLE | HO | 10 | ֏ ԽԽԽԽԽԽԽԽ Ტ Խ Ի ®ФФФФФ |
| LWAUKEE | | | ٥ | 000000000000000000000000000000000000 | _ | | • | | | | | 000000000000000000000000000000000000000 |
| MIL | | | 60 | 000000000000000000000000000000000000 | | | •0 | | | | •0 | 0000000 0000000 0000000000000000000000 |
| TION | 11.23 | | 7 | 000000000 0000000000000000000000000000 | 3.81 | | 7 | 000000000000000000000000000000000000000 | 7.78 | | 7 | 0000000 |
| LOCATION | H0: | I | | 000000000000000000000000000000000000000 | : OH | ± | 9 | | H0: | Ŧ | 9 | |
| | HORIZ. | SOUTI | | 000000000000000000000000000000000000000 | HORIZ. | SOUTH | ĸ | | HORIZ. | SOUTH | 'n | |
| | 7 | : NOI ! | | | e 0 | 1 I ON : | | | • | :NOI | | 000000000 |
| | HINOM: | ORIENTAT | i | 41 C C C C C C C C C C C C C C C C C C C | MONTH: | ORIENTAL | ; | 20.00 20.00 30.00 30.00 60.00 60.00 | MONTH: | ORIEN! AT | i | 11.1 10.0 10.0 20.0 30.0 45.0 60.0 60.0 60.0 |

| | 0.187 | DAILY TOTAL | RADIATION | 0,000,000,000,000,000,000,000,000,000, | 0.184 | DAILY TOTAL | RADIATION | 1000000000 300000000 310000000 | 0.182 | DAILY TOTAL | RADIATION | 1111111120 0400000110 0400000010 |
|---------|---------|-------------|---------------|---|----------|-------------|-----------|--|--------|-------------|-----------|--|
| | KD: | | 20 | | ξÖ | | | 000000000 | ξĐ: | | 2 | 00000000 |
| TES | | | -4 | | | | 19 | | | | 19 | 00000000 |
| MINUTE | 207 | | 18 | | 423 | | 18 | | 365 | | 18 | |
| 5 57 | 0 | | 17 | | | | 17 | | | | 17 | |
| EGREE | :: | | 16 | | Ë | | 16 | | Ë | | 16 | |
| 45 DE | ¥ | - | 15 | 00000000 00000000 00000000 0000000 | <u>¥</u> | z | 15 | | ¥ | ~ | 15 | |
| เขอย | | IATION | 1,4 | | | IATION | 14 | | | IATION | 14 | |
| LATII | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | |
| MI | 17: | SOLAI | 12 | | ITY: | SOLA | 12 | | 1¥: | 105 | 12 | |
| | ECTIVI | HOURLY | $\overline{}$ | 00000000 440000000 844000000 | ECTIV] | HOURLY | 11 | 00 00 00 00 00 00 00 00 00 00 00 00 00 | ECTIVI | HOURLY | ~ | 00000000 00000000 00000000000000000000 |
| :: | REFLI | Ĭ | ~ | © © © © © © © © © © © © © © © © © © © | REFLI | Ξ | 10 | | REFU | Ī | 6 | 00000000000000000000000000000000000000 |
| WAUK | | | • | 00000000 0000000 0000000 000000 | | | • | 00000000 1110000000 4810000000 | | | 0 | 000000000000000000000000000000000000000 |
| MI | 2 | | | 00000000 1 4 4 8 4 0 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | _ | | •0 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 7 | | •0 | 000000000000000000000000000000000000000 |
| OCATION | 5.6 | | | 00000000 | 3.9 | | | | 3.2 | | | 000000000 |
| 100 | . HO: | H. | 9 | 00000000 | . но: | Ŧ | | | . H0: | Ŧ | 9 | |
| | HORIZ | SOUTH | Ŋ | | HORIZ | SOUTH | 'n | | HORIZ | SOUTH | 5 | |
| | 10 | TION: | J | 00000000 | 11 | ATION: | | | 12 | TION: | .* | 000000000 |
| | : HINCH | ORIENTATION | 1 | 1111 120.00 225.00 325.00 40.00 60.00 | MONTH: | ORIENTA | i | 60000000000000000000000000000000000000 | MONTH: | ORIENTA | ; | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |

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|------|----|---|-----------|-------------|---|-----------------|----|---|------|
| Į, | 15 | 000000000000000000000000000000000000000 | × | 15 | 222222222 | ¥ | 15 | | |
| | 14 | | | ATION 14 | | ATION | 14 | 00000000 00000000 000000000000000 | ေ |
| RADI | 13 | 0000000 0000000 000000000 0000000000 | 0.20 | R RADI | 00000000 00000000000000000000000000000 | .20 RADI | 13 | 00000000 0000000 0000000 0000000000000 | D-91 |
| | 12 | | 17Y: 0 | SOLAR 12 | | ITY: 0 Solar | 12 | 00000000 44444444444444444444444444444 | |
| | 11 | | ECT I V] | OURLY 11 | | ECTIV] OURLY | 11 | 00000000 0000000 0000000 | |
| Ī | 10 | 000000000 0000000000000000000000000000 | REFLI | 70 H | | REFLI | 10 | 000000000 000000000 0000000000000000 | |

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DAILY TOTAL

RADIATION

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SOUTH HORIZ.

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DAILY TOTAL

. 344

RADIATION

6.47

HORIZ. HO:

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MONTH:

SOUTH

DRIENTATION

80

4

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DAILY TOTAL

22 MINUTES

38 DEGREES

LATITUDE

CHARLESTON

LOCATION

HORIZ. HO

MONTH:

SOUTH

CRIENTATION

0.20

REFLECTIVITY:

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0.332

RADIATION

25.52.1.1.53.52

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0.05 0.03 0.03 0.03 0.10 0.10 0.11 0.11

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71117 220 000 325 000 335 000 450 000 650 000

4 | 0000000000

| | 9.184 | DAILY TOTAL | RADIATION | 4.28 | 4.39 | 4.45 | 05. 5 | 4.35 | 4.23 | 4.19 | 3.95 | 3.64 |
|------------------------|--------------------|------------------------|-------------------------------|--------------|---------|------|----------|--------|----------|-------|-------|---------|
| | KD: | | 20 | 0.0 | o. 0 | 0.0 | 0.0 | 0 0 | 0 0 | 0.0 | 0.0 | o. O |
| ES | | | 19 | 0.0 | 0.0 | · . | 0.0 | 0.0 | o. 0 | ٥.٥ | 0.0 | 0.0 |
| 22 MINUTES | 120 | | 10 11 12 13 14 15 16 17 18 19 | 0.05 | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| | 0.420 | | 17 | 0.16 | 0.16 | 0.16 | 0.15 | 0.15 | 0.14 | 0.14 | 0.12 | 0.11 |
| WV LATITUDE 38 DEGREES | | | 16 | 0.28 | 0.23 | 0.29 | 0 | 0.28 | . | 0.27 | 0.25 | 0.25 |
| 38 DE | KT: | _ | 15 | 0.39 | 0.40 | 0.40 | 0.40 | 0.40 | 0.39 | 0.38 | 0.36 | 0.33 |
| LUDE | | ATION | 14 | 0.47 | 0.49 | 0.49 | 0.49 | 9.49 | 0.43 | 0.47 | 0.45 | 0.42 |
| LATII | 02.0 | RADI | 13 | 0.52 | 0.54 | 0.55 | 0.55 | 0.55 | 0.54 | 0.53 | 0.51 | 0.47 |
| 3 | REFLECTIVITY: 0.20 | HOURLY SOLAR RADIATION | 12 | 0.54 | 0.56 | 0.57 | 0.57 | 0.57 | 0.56 | 0.55 | 0.53 | 0.49 |
| | ECT IV | URLY | 11 | 0.52 | 0.54 | 0.55 | 0.55 | 0.55 | 0.54 | 0.53 | 0.51 | 0.47 |
| NO | REFLI | Ĭ | 10 | 0.47 | 0.49 | | 0.43 | : | 0.48 | 0.47 | 0.45 | 0.45 |
| CHARLESTON | | | v | 0.39 | 0 * 0 | 0.40 | 0 + 0 | 0.40 | 9.39 | 0.38 | 0.36 | |
| Š | | | •0 | . 28 | .29 | .29 | . 28 | . 23 | 1.27 | 1.27 | 0.25 | .22 |
| LOCATION | 10.17 | | 7 | 0.16 | 0.16 | 0.16 | 0.15 (| 0.15 | 0.14 | 0.14 | | 0.11 (|
| LOCA | H0: | æ | 2 9 | 0.05 | 0.04 | | 0.04 | | | 0.03 | 0.03 | 0.03 |
| | HORIZ. HO: 10.17 | SOUTH | 'n | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | J | TION: | * | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| | MONTH: | ORIENTATION: | ; ; | - 11. 0.0 | 10.00 | 0 | 5 | 6 | | 40.00 | 50.00 | 0 |

| KD: 0.186 | DAILY TOTAL | C | 0.01 0.0 | 0.010.0 | 0.01 0.0 5.0 | 0.01 0.0 | 7.5 | 0.0 I 0.0 | 0.0 10.0 | 0.00 0.0 | KD: 0.187 | DAILY TOTAL | | 7 | 19 20 KADIA | 19 20 KADIA 0.02 0.0 5. | 19 20 KADIA 0.02 0.0 5. | 19 20 KADIA 0.02 0.0 0.02 0.0 0.01 0.0 5. | 19 20 KADIA 0.02 0.0 5. 0.02 0.0 5. 0.01 0.0 5. | 19 20 KADIA 0.02 0.0 0.02 0.0 0.01 0.0 0.01 0.0 0.01 0.0 | 19 20 KAULA 0.02 0.0 0.02 0.0 0.01 0.0 0.01 0.0 0.01 0.0 | 1.0 2.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 | 19 20 KADIA 0.02 0.0 0.01 0.0 0.01 0.0 0.01 0.0 0.01 0.0 0.01 0.0 |
|--------------------|--------------|-------|------------|------------------------|--------------|-------------|------------|------------|------------|------------|--------------|--------------|-------|---|--|----------------------------|--------------------------------|--|--|---|---|---|--|
| 0.457 | | 17 18 | 0.22 0. | 0.50 0.0 | 0.19 0.0 | 0.18 0.0 | 0.18 0.0 | 0.16 0.0 | 0.14 0.0 | 0.12 0.0 | 0.479 | | 17 18 | • | | 0.25 0.1 | 0.25 0.1 | 0.25 0.1 0.24 0.1 | 0.25 0.1 0.22 0.0 0.22 0.0 | 00.00 0.00 0.00 0.00 0.00 0.00 0.00 0. | 00.22.00.00.00.00.00.00.00.00.00.00.00.0 | 0.22 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 200000000000000000000000000000000000000 |
| KT: | NO | | 4 0.46 0.3 | | 5 0.45 0.3 | 4 0.44 0.3 | 3 0.43 0.3 | 1 0.42 0.3 | 8 0.38 0.2 | 3 0.34 0.2 | KT: | NO | 15 16 | | | 8 0.49 0.3 | 8 0.49 0.3 | 8 0 49 0 3 9 0 49 0 3 9 0 49 0 3 | 8 0 .49 0 .3 6 0 | | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 89 98 98 98 98 98 98 98 98 98 98 98 98 9 | 24.78.98 24.76.69 26.66.80 26.66.89 26.66.89 26.66.80 26.80 |
| 0.20 | R RADIATION | 13 14 | 0.60 0.5 | 0.61 0.5 | 0.61 0.5 | 0.60 0.5 | 0.59 0.5 | 0.57 0.5 | 0.53 0.4 | 9.69.0.4 | 0.20 | R RADIATION | 13 14 | | | 0.64 0.5 | 0.65 0.5 | 0.64 0.5 | 0.65 0 .5 0 .5 0 .5 0 .5 0 .5 0 .5 0 .5 | 40.00 40.00 40.00 10.00 10.00 10.00 | 44444 | 40.00 40.00 40.00 40.00 40.00 40.00 40.00 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| REFLECTIVITY: 0.20 | HOURLY SOLAR | 11 12 | 9.0 09. | 0.61 0.63 0.61 0.63 | 61 0.6 | 9.0 09. | .59 0.6 | .57 0.5 | .53 0.5 | .49 0.5 | EFLECTIVITY: | HOURLY SOLAR | 11 12 | | | 64 0.6 | .64 0.6 .65 0.6 | 64 0.6 | 65 0 65 0 66 0 66 0 66 0 66 0 66 0 66 0 | 6.0 4.0 6.0 4.0 6.0 4.0 6.0 4.0 6.0 4.0 | 444 444 444 444 444 444 444 444 444 44 | 44.64.64.64.64.64.64.64.64.64.64.64.64.6 | 00 00 00 00 00 00 00 00 00 00 00 00 00 |
| REFLE | Ë | | .46 0.54 | 0.46 0.55 0.46 0.55 | 45 0.55 | . 44 0 . 54 | .43 0.53 | 42 0.51 | . 38 0.48 | .34 0.43 | REFLE | Đ. | 9 10 | | | .49 0.58 | .49 0.58 | . 49 0 .58 .49 0 .59 | 84.0 84.0 84.0 84.0 84.0 84.0 84.0 84.0 | 44 0 54 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 49 0.58 49 0.59 48 0.58 48 0.57 46 0.57 | 400050 400050 400050 400050 400050 | 00 00 00 00 00 00 00 00 00 00 00 00 00 |
| HO: 11.30 | | ^ | 35 | 20 0.35 | 19 0.33 | .18 0.32 | .18 0.31 | .16 3.30 | .14 7.27 | .12 0.23 | 11.70 | | 7 | | | .25 0.38 | .25 0.38 .24 0.37 | .25 0.38 .24 0.37 .22 0.36 | 25 0 .38 .22 0 .37 .22 0 .36 | 25 0 .37 22 0 .37 22 0 .36 | 25 0 38 22 0 34 22 0 36 21 0 35 20 0 35 | 25 0 33 22 0 34 22 0 35 22 0 35 29 0 35 | 225 0 33 2 2 2 0 3 3 2 2 2 0 3 3 2 2 2 2 2 |
| HORIZ. HO: | SOUTH | | .01 0.10 | 1 0 0 0 | .01 0.07 | .01 0.06 | .01 0.05 | .01 0.05 | .01 0.05 | .00 0.04 | HORIZ. HO: | SOUTH | | | | .02 0.12 | .02 0.12 | . 02 0.12 . 02 0.10 . 01 0.09 | 02 0.10 | 02 0.10 | .02 0.10 .02 0.10 .01 0.09 .01 0.08 | 02 0 10 00 00 00 00 00 00 00 00 00 00 00 0 | 010008 010008 010008 010008 |
| MONTH: 5 | ORIENTATION: | | | .00 | .00 | .00 | .00 | .00 00. | .00 | .00 00. | MONTH: 6 | ORIENTATION: | | | ֓֡֓֜֝֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֡֓֓֓֓֡֓֜֝֡֓֡֓֡֓֡֓ | LT .0. | .00 .0. | .0000.00. | .00 00. | - 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 000000000000000000000000000000000000000 | | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 |

| 22 MINUTES |
|------------|
| 38 DECREES |
| LATITUDE |
| 2 |
| CHARLESTON |
| LOCATION |

| | 0.136 | DAILY TOTAL | RADIATION | 88888888888888888888888888888888888888 | 0.187 | DAILY TOTAL | RADIATION | 44444444 | 0.187 | DAILY TOTAL | RADIATION | |
|---------|------------|-------------|-----------|--|--------|-------------|-----------|--|--------|-------------|---------------|--|
| | Ä Ö | | ~ | | χĎ | | 20 | 00000000 | ΧĎ | | 20 | 888888888 |
| ES | | | 19 | | | | 19 | 00000000 | | | ~ 1 | **** |
| MINUT | 170 | | 18 | | 173 | | 18 | | 82 | | 18 | |
| 25 | 4.6 | | | 00000000 | | | 17 | 0.13 0.13 0.15 0.15 0.13 | 4. | | 17 | |
| SEES | <u>:</u> : | | - | 80000000000000000000000000000000000000 | •• | | 16 | | ** | | 16 | |
| 38 DE | K | _ | 15 | | 2 | _ | 15 | | Z | _ | 15 | <u></u> |
| TUDE | | ATION | 16 | 000000000 0000000000000000000000000000 | | ATION | 14 | | | ATION | | |
| LATI | 0.29 | R RADI | 13 | | 0.20 | R RADI | 13 | | 0.20 | R RADI | 13 | |
| 3 | 11Y: (| SOLA | 12 | 00000000 000000000 0000000000 | 17: | SOLAF | 12 | | ITY: 0 | SOLAS | 12 | |
| | ECTIV] | HOURLY | 11 | 000000000 0000000000 000000000 | ECTIVI | OURLY | 11 | | ECTIVI | HOURLY | ~ | 000000000 0000000000000000000000000000 |
| TON | REFL | Ξ | 10 | 000000000 1 11 11 11 11 11 11 11 11 11 11 11 11 1 | REFLI | Ξ | | 000000000 00000000 0000000000000000000 | REFL | Ī | $\overline{}$ | 606950608 40808000000000000000000000000000000 |
| ARLES | | | • | CGGGGGGG | | | • | ###################################### | | | | ###################################### |
| 3 | • | | •0 | | 6 | | •0 | 00000000 0000000 | - | | •• | ************************************** |
| OCATION | 11.2 | | | 00000000000000000000000000000000000000 | 10.1 | | ^ | 245564 | 8.3 | | 7 | |
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| | 9.187 | DAILY TOTAL | RADIATION | SERVINE SERVINE SERVINE SERVINE SERVINE SERVINE SERVINE SERVINE SERVINE SERVINE SERVIN | 134 | DAILY TOTAL | RADIATION | 1000000000 6000000000000000000000000000 | 6.181 | DAILY TOTAL | RADIATION | |
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| 3 | /ITY: | SOLA | 12 | 00000000 | ITY: | SOL | 12 | 00000000 | ITY: | SOLA | 12 | 00000000 |
| | ECTIV | HOURLY | = | | ECTIV | HOURLY | 11 | 66666666666666666666666666666666666666 | ECTIVI | HOURLY | 7 | 99999999 |
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| | 0.181 | DAILY TOTAL | RADIATION | • | ٠, ۳ | - | 2 | m | ų, 4 | 2.43 | | 0.182 | DAILY TOTAL | RADIATION | 1 | 2.09 | 10 | 00 | . 5. | | · • | 6 | | DAILY TOTAL | RADIATION | m. | Ų٢ | | Ü | - 1 | W. 65 | • |
|---------|----------|-------------|-----------|-------|------|--------------|-----------------|------|------------|------------------|-----|---------|-------------|-----------|-------|-------|------|------|-------|--|-----|---|---------------|-------------|-----------|--------|--|-------------|-----|-------------|-------|----------|
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| TUDE | | ATION | 14 | .22 | 52. | 40 | J M | 20 | <u>.</u> | 0.52 I | | | ATION | 14 | | 9.00 | .35 | . 36 | 37 | | 30 | | | ATION | 14 | .39 | 4 | • • | 4.6 | * 5 | 4.43 | ţ, |
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| - - | 1Y: 9 | SOLAR | 12 | .28 | .3 | 4 4 | , M | .37 | 60 G | 90.00 | | ly: 0 | SOLAR | 12 | 1 | 36.00 | 42 | , k | 7 4 | 4.4 | M | | | SOLAR | | 99. | ٠ ت | . 25 | 3 | n G | 12 | •0 |
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| 100 | REFLEC | H | 3.3 | 22 | 52 | ري. د و د | 7 10 | 55 | .31 | 32 | · . | REFLE | H | 10 | 1 | 900 | .35 | 97. | . W. | | 36 | Ĭ | אכיובי | 2 | | .39 | C. | * * | 3 | 4 4 9 | · 147 | .41 |
| UNTINGT | | | • | .15 | .17 | 5 | , | :23 | in Ci | , , , , | | | | • | 1 1 1 | 22 | 25 | .57 | 200 | ٠ د د د د د د د د د د د د د د د د د د د | 289 | | | | • | 'n | ~ | 7 17 | m | | 90 | M |
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| | 0.185 | DAILY TOTAL | RADIATION | 4444444 .777.77 .77.77 .92.96 .946 | 0.187 | DAILY TOTAL | RADIATION | NUNUNUAAN NANUTIO 846 VUNUAO WUQ | 0.188 | DAILY TOTAL | RADIATION | NNNNNNNA4 880 80 80 80 80 80 80 80 80 80 80 80 80 |
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| 300. | | ATION | 14 | 00000000 1 | | ATION | \vdash | 00000000000000000000000000000000000000 | | ATION | 4 | 00000000000000000000000000000000000000 |
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| TON | REFL | Ĭ | | 00000000 100000000 10000000000 10000000000 | REFLI | Ĭ | | | REFLI | H | 10 | 000000000000000000000000000000000000000 |
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| | 0.188 | DAILY TOTAL | RADIATION | ᲡᲡᲡᲡᲡᲡᲡᲐ ᲑᲑᲑ ᲡᲐᲛᲡᲐᲑᲡᲡ Გപഗധപര Ბ ᲔᲡ | 0.188 | DAILY TOTAL | RADIATION | 4 N N N N N 4 4 4 6 4 6 6 6 6 6 6 6 6 6 | 0.188 | DAILY TOTAL | RADIATION | 44444444444444444444444444444444444444 |
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| | 0.188 | DAILY TOTAL | RADIATION | WWW44444 LV801101010 LV80WW80W | 0.184 | DAILY TOTAL | RADIATION | 0.000000000000000000000000000000000000 | 0.181 | DAILY TOTAL | RADIATION | 22222222222222222222222222222222222222 |
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| s 22 | 6 | | 17 | 00000000 00000000 | | | | | | | 17 | |
| EGREE | Ë | | | 00000000000000000000000000000000000000 | :- - | | | 0.00 0.11 0.11 0.12 0.13 0.14 | Ë | | | 00000000 |
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| | ECTIV | OURLY | 11 | 100000000 | ECTIV | OURLY | 11 | 00000000 | ECTIV | OURLY | 11 | 1 4828.00000000000000000000000000000000000 |
| TON | REFL | I | ~ | 00000000 | REFL | X | 10 | 0.25 0.33 0.33 0.33 0.43 0.41 | REFL | = | - | 000000000000000000000000000000000000 |
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| 100 | . HO: | HI. | | 600000000 | . HO: | H | 9 | 000000000 | . HO: | HTI | | 000000000 |
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| | 0.182 | DAILY TOTAL | RADIATION | 22 22 22 22 22 22 22 22 22 22 22 22 22 | 0.180 | DAILY TOTAL | RADIATION | WW444444 WWW444444 WWWW90006 | 0.177 | DAILY TOTAL | RADIATION | 44NUNUNUN 0004 0004 0004 0004 0004 0004 0004 0004 0004 0004 |
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| | CTIVI | OURLY | 11 | | CTIVI | HOURLY | 11 | | CTIVI | HOURLY | 11 | |
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| PER | | | ٥ | 00000000 110000000000000000000000000 | | | σ | 00000000 0000000 00000000 000000000 0000 | | | 6 | 00000000000000000000000000000000000000 |
| CAS | | | | 000000000000000000000000000000000000000 | | | ∞ | 00.00 | | | | 000000000000000000000000000000000000000 |
| LOCATION | 3.95 | | | | 5.76 | | 7 | 00000000000000000000000000000000000000 | 7.81 | | 7 | 00000000 |
| LOCA | . H0: | × | 9 | | но: | ≠ | 9 | | H0: | æ | 9 | |
| | HORIZ. | SOUT | | | HORIZ. | SOUTH | | | HORIZ. | SOUTH | S | 000000000 |
| | ~ | ION: | | | 2 | ION: | | | m | ION: | | 000000000 |
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| | 0.176 | DAILY TOTA | RADIATION | 500000000 50000000 500000000 5000000000 | 0.169 | DAILY TOTA | RADIATION | るファ ち み み な ひ ど ゆ じ じ ひ む み な な な な な ひ ひ ひ ひ ひ ひ ひ ひ か な な み な か な な な な な な な な な な な な な な | 0.156 | DAILY TOTA | RADIATION | 7 |
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| DEGREES | ·• | | | 00000000 00000000 000000000000000000 | | | 16 | 00000000000000000000000000000000000000 | •• | | 9 | 00000000 00000000 00000000000000000000 |
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| | ECTIV | HOURLY | 1 | 00.70 00.70 00.70 00.70 00.70 00.70 | ECTIV | DURLY | 11 | | ECTIV | OURLY | 11 | |
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| | 0.143 | DAILY TOTAL | RADIATION | 66 7 7 7 88 8 8 7 7 7 8 8 8 7 7 7 7 8 8 7 7 7 8 9 7 7 8 9 7 9 7 | 0.142 | DAILY TOTAL | RADIATION | 64666746V G06844887 | 0.145 | DAILY TOTAL | RADIATION | 66.77 66.91 74.00 75.90 75.90 75.90 |
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| | KD: | _ | 20 | 00000000 | KĐ: | _ | | 00000000 0000000 | KD: | - | 2 1 | 00000000 |
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| 55 | 0.7 | | Ì | 12222222 22222222 222222222 | 0.7] | | 1 | 22222222 | 0.71 | | (| uddididid nawwwwwwa |
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| UDE 4 | | TION | 14 | # # # # # # # # # # | | NOIL | - | | | TION | 14 | |
| ATIT | 20 | RADIA | 13 | 0.9300000000000000000000000000000000000 | 20 | RADIA | 13 | | 20 | RADIA | 13 | 0466640040 0466640040 |
| . Yu | TY: 0 | SOLAR | 12 | 1 2000000000000000000000000000000000000 | TY: 0. | SOLAR | 12 | 0.00000000 | ۲: ۵. | OLAR | - | 78066 8000 8000 8000 8000 8000 |
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| | 0.154 | DAILY TOTAL | RADIATION | W4NNNNN44 %'''.4'' %'''.4'' %'''.4'' %'''.4'' 440''.8'' A40' | 0.170 | DAILY TOTAL | RADIATION | 287844444444444444444444444444444444444 | 0.178 | DAILY TOTAL | RADIATION | 22.68 23.69 24.63 24.63 24.63 27.63 27.63 27.63 |
|--------|-----------|-------------|-----------|--|--------|-------------|-----------|--|------------------|-------------|-----------|--|
| | Ž Ü | | 20 | | KD: | | 20 | 00000000 | χĐ | | 20 | 000000000 |
| TES | | | 19 | 00000000 | | | 19 | 808888888 | | | 19 | |
| MINUTE | 619 | | 1 | | 919 | | 18 | | 572 | | 38 | |
| 5 55 | | | 17 | 00000000 | | | 17 | | ö | | 17 | |
| EGREE | :- | | 16 | 000000000000000000000000000000000000 | Ë | | 16 | 00.000000000000000000000000000000000000 | L | | | |
| 45 D | × | 7 | 15 | 00000000 0000000 00000000 000000000 | × | 2 | 15 | 0.220 | ¥ | * | 15 | 00000000000000000000000000000000000000 |
| TUDE | | IATION | -4 1 | 000000000000000000000000000000000000000 | | IATION | 14 | พ.ส.ส.พ.พ.พ.ค.ค.ค | | IATION | 14 | |
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| H H | 11Y: (| SOLAS | 12 | 00.000. | ITY: (| SOLA | | 0.54 0.55 0.63 0.77 0.77 0.88 0.88 | ITY: | SOLA | 12 | 00000000000000000000000000000000000000 |
| | ECTIV. | OURLY | 11 | | ECTIV | OURLY | 11 | 0.51 0.55 0.65 0.75 0.73 0.73 | CTIV | OURLY | | 00000000000000000000000000000000000000 |
| | REFL | Ħ | 10 | 00000000 | REFL | Ĭ | 10 | waa www.ooo | REFLE(| Ĭ | | 00000000000000000000000000000000000000 |
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| CAS | \$ | | ∞ | 20000000 2000000 20000000 20000000 | 2 | | €0 | 0.08 0.12 0.12 0.13 0.13 0.14 | 8 0 | | 60 | 000000000000000000000000000000000000000 |
| ATION | 5.6 | | ~ | | 3.9 | | | 00000000 | 3.28 | | ^ | 000000000 |
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| | 10 | I ION: | | | 11 | TION: | | | 12 | IION: | | |
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| | 0.179 | ILY TOTAL | RADIATION | 0000004444 400000110410 00000004444 | 0.180 | ILY TOTAL | RADIATION | 8000 mm 2 | 0.179 | AILY TOTAL | RADIATION | գգտղուսութ ռջտուս ռատուս ռատուս ռատուս ռատուս ռատուս ուս ուս ուս ուս ուս ուս ուս |
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| | KD: | DA | 20 R | 00000000 | KD: | DA | 20 R | | KD: | DA | 20 R | |
| ES | | | ~ (| 000000000 | | | | | | | 19 | 000000000 |
| MINUTE | 29 | | 18 | 00000000 | 57 | | 18 | 00000000 | 63 | | 18 | |
| • | 0.5 | | 17 | | 0.5 | | 17 | 00000000 00000000 00000000 | 0.5 | | 17 | |
| GREES | | | 16 | 000000000000000000000000000000000000000 | •• | | _ | 000000 000000 000000 000000 000000 00000 | •• | | 16 | 00000000 00000000 00000000 00000000 |
| 41 DE | KT | | 15 | | X | | 15 | | X | | | 00000000 444400000 146600000 |
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| LATIT | . 20 | RADI | 13 | | .20 | RADI | 13 | | .20 | RADI | 13 | |
| ΜY | TY: 0 | SOLAR | 12 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00 | TY: 0 | SOLAR | 12 | 0.52 0.65 0.72 0.73 0.73 | 1Y: 0 | SOLAR | 12 | 00.00 00.00 00.00 00.00 00.00 00.00 00.00 |
| | CTIVI | URLY | 11 | 000000000000000000000000000000000000 | CTIVI | DURLY | 11 | | CTIVI | OURLY | 11 | |
| | REFLE | SH. | 10 | 0000000 000000 0000000 0000000 | REFLE | н | 10 | 60000000000000000000000000000000000000 | REFLE | H | 10 | |
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| CHE | | | •• | 00.000. | | | ** | 0.23 0.23 0.23 0.25 0.25 0.25 7.20 7.20 | | | •0 | 000000000000000000000000000000000000000 |
| LOCATION | 4.26 | | | | 6.04 | | | 00.00 00.00 00.00 00.00 00.00 | 8.03 | | | - CO CO CO CO CO CO CO CO CO CO CO CO CO |
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| | 0.180 | DAILY TOTA | RADIATION | W | j.∞ | 5. | <u>ب</u> « | 9 40 | 9 | 5.40 | 0.180 | DAILY TOTA | RADIATION | | 6.29 6.36 6.30 | ú. | ∵ | ~ ~ | 7 | i | 0.172 | DAILY TOTA | RADIATION | 7.1.1.2.6.6.6.6.6.6.6.6.6.6.6.6.6.6.6.6.6 |
|---------|----------|------------|-----------|-----|-----------------|------|-------------|------|------|----------------|---------|------------|-----------|---|-----------------------|------------|-------------|----------|------|---|---------|------------|-----------|---|
| | KD: | | 20 | 1 | • • | • | • | | • | 0.0 | KD: | | | 1 | 000 | ٠ | • • | • | • • | | Ä | | 20 | 00000000 |
| ES | | | 19 | ! | • • | • | • | • • | | 0.0 | | | 19 | - | 0.00 | 0, | 90 | e c | | | | | 19 | |
| MINUTES | 50 80 | | 18 | 6 | 90 | 0.9 | | 9 | 9 | 0.03 | 58 | | 18 | - | 0.12 0.21 0.09 | 9 | . 0 | 0,0 | | | 0.7 | | 18 | 0.15 0.13 0.10 0.09 0.05 0.05 0.05 |
| σ. | 6 | | 17 | ! 6 | ivi | ų, | ,- | : - | . – | 0.16 0.14 | 0.5 | | 17 | - | 0.27 | ų, | ivi | ٠; - | !!! | | 9. | | 17 | |
| DEGREES | •• | | 16 | ^ | 313 | 13. | ? " | 7 17 | m | 0.33 | •• | | 16 | 1 | 0.45 0.42 0.42 | ٠, | J.W. | . r | 501 | | •• | | ~ | 0000000 4444 4444 644 |
| 41 DE | KI | | | 1 4 | ניו | n) r | Ų, n | Ĵ | , 10 | 0.49 | K | | 15 | - | 0.56 0.57 0.56 | ù | υ'n. | ri. | | | × | | ~ | 00000000000000000000000000000000000000 |
| UDE | | ATION | 14 | 1 | . 6 | 9 | 9 4 | ی ن | 9. | 0.62 0.58 | | ATION | 14 | 1 | 9.68 0.68 0.68 | 9, | | ٠ د د | | | | ATION | 7.4 | 00.75 |
| LATITUD | .20 | RADI | | 1 | ٥٢. | 7.1 | • | , | . ` | 0.70 | .20 | RADI | 13 | ! | 0.72 0.75 0.75 | <u>ر</u> ا | `` | ۲. ۷ | 9. | | .20 | RADI | 13 | 00.00 00 |
| ×Μ | TY: 0 | SOLAR | ~ | ! " | `` | 7: | ٠, | • | ` | $0.73 \\ 0.68$ | TY: 0 | SOLAR | 12 | - | 0.75 0.77 0.78 | 7 | `` | | . 4 | | TY: 0 | SOLAR | 12 | 60000000000000000000000000000000000000 |
| | LECTIVI | HOURLY | 11 | 1 | 0. | 1 | | | . ` | 0.70 | LECTIVI | HOURLY | 11 | - | 0.72 | ٠. | ``. | ۲. | 9.9 | | ECTIVI | HOURLY | 11 | |
| | REFLE | Ħ | 10 | ! | . v | 9. | 9,4 | ٥٠ | 9 | 0.62 | REFLE | H | 10 | 1 | 0.68 0.68 0.68 | 9 | စ် တ | 9,4 | , nj | | REFLE | H | 10 | |
| EYENNE | | | • | " | j. _N | 5. | | ٦, | 'n | 0.49 | | | • | 1 | 0.56 0.57 0.56 | λi | نبن | N, 4 | | | | | 6 | 00000000000000000000000000000000000000 |
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| ATION | 10.00 | | | (| 'n٠ | 3 | i, | :- | : – | 0.16 0.14 | 11.2 | | 7 | - | 0.27 0.26 0.25 | Ñ | и'n | 4.5 | 17 | | 11.72 | | ~ | 00.000000000000000000000000000000000000 |
| 1007 | . HO: | Ξ | 9 | 1 | 90 | 0 | Ö, 6 | - | 9 | 0.03 | . HO: | Ξ | 9 | - | 0.12 0.11 0.09 | 0 | P. O. | 0.6 | | | H0: | Ξ | 9 | 0.00 113 0.00 0.00 0.00 0.00 0.00 0.00 0 |
| | HORIZ | SOUT | \$ | 1 | | • | ٠ | • | ٠. | 0.0 | HORIZ | SOUT | 'n | 1 | 0.00 | 0. | - 0 | 0.4 | 90 | | HORIZ | SOUT | | |
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| | 0.168 | DAILY TOTAL | RADIATION | 777799999 67699999999999999999999999999 | 0.168 | DAILY TOTAL | RADIATION | ************************************** | 0.159 | DAILY TOTAL | RADIATION | NU 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
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| | KD: | | _ | | χĐ: | | | | KD: | | | 000000000 |
| ES | | | 19 | | | | | | | | ~ | 00000000 |
| MINUTES | 54 | | 18 | 0000000 0000000 0000000000000000000000 | 56 | | 18 | | 58 | | 18 | |
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| GREES | | | 16 | | •• | | 16 | | •• | | 16 | |
| 41 DEGR | K | | 15 | | Z | | 15 | | K | | 15 | 455550 6478600 |
| UPE | | ATION | 14 | | | ATION | 14 | | | ATION | 14 | 0.75 0.75 0.75 0.75 0.75 0.75 |
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| κ¥ | 1Y: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | | TY: 0 | SOLAR | 12 | |
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| DEGREES | •• | | 16 | 0.13 | 10 | ώw | W. H | , m | .•• | | | 1 6 | 9.70 | 7.7 | <u>-</u> ;- | • | ~. ~. | •• | | 16 | | | |
| 41 DE | K | _ | 15 | 0.36 | į | יי יי | N. I | نبن | Z | _ | 15 | 10 | 9.50 | , m | w. a | • | 4.4 | 2 | _ | 15 | 71.00000 | 11033 | |
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| LATIT | .20 | RADI | 13 | 0.59 | `` | 60 60 | •0 | 0 00 | .20 | RADI | 13 | 1 | 0.53 | 9 | Ø. | | ~~ | .20 | RADI | 13 | 78.00 64.00 62.00 84.00 | 770 | |
| ¥ | 1Y: 0 | SOLAR | | 0.62 | 0 00 | 60 60 | 0.0 | | TY: 0 | SOLAR | ~ | 18 | 0.56 | 9 | Ļ | | eO eO | TY: 0 | SOLAR | - | 00.00 | シンドン | |
| | CTIVI | HOURLY | ~ | 0.68 | ` | •O •O | •0 | 0 40 | CTIVI | HOURLY | $\overline{}$ | 1 | 0.53 | 9.9 | 91 | . ~ | ~~ | CTIVI | HOURLY | 11 | 2000 2000 2000 2000 2000 2000 2000 200 | 770 | |
| | REFLECT | Đ | 10 | 0.00 | 0.0 | , ı, | ~' | | REFLE | H | 10 | 1 | 0.43 | N, N, | 10.4 | 9 | 9 9 | REFLE | 뭐 | 10 | 00.37 | فمند | |
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| res | | | 19 | 00000000 | | | | 000000000 | | | 1.9 | 000000000 |
| MINUTES | 554 | | 18 | 00000000 | 575 | | 18 | | 505 | | 18 | 000000000 |
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| DEGREES | | | 16 | 0000000 | •• | | 16 | | •• | | 16 | |
| 41 DE | KT | | 15 | 000000000 000000000 000000000 | KT | | 15 | 00000000000000000000000000000000000000 | KT | | 15 | 000000000 44000000000 144000000000 14400000000000000000000000000000000000 |
| UDE | | ATION | 14 | 00000000 1 | | ATION | 14 | | | ATION | 14 | |
| LATITUDE | .20 | RADI | ~ | | .20 | RADI | ~ | 00000000000000000000000000000000000000 | .20 | RADI | 13 | |
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| ROCK | | | •• | 00.000 | | | • | | | | •• | 000000000 |
| LOCATION | 4.18 | | ^ | | 5.97 | | ^ | NMM&&&&& | 7.98 | | ~ | Nm44444M |
| LOCA | H0: | ×. | • | | HO: | Ŧ | 9 | | H0: | = | • | 00000000 |
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| | 205 | - | 00000000 | ITY | SOL | 7 | 00000000 | | | 7 |
| EFLECTIVITY | HOURLY | 7.7 | | EFLECTIV | HOURLY | | # # # # # # # # # # # # # # # # # # # | FLECTIVITY | HOURLY | |
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455.000 455.000 55.000 65.000 65.000

DAILY TOTAL

5

36 MINUTES

41 DEGREES

LATITUDE

ROCK SPRINGS

LOCATION

PONTH:

ORIENTATION

RADIATION

646.69.69 64.69.69.69 64.69.69 64.69.69 64.69

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485.000 860.000 860.000 860.000 860.000

| | 0.142 | DAILY TOTAL | RADIATION | | 0.143 | DAILY TOTAL | RADIATION | 64844444444444444444444444444444444444 | 0.136 | DAILY TOTAL | RADIATION | 844777774 74804777774 8489777774 |
|----------|---------|-------------|-----------|--|--------------|-------------|-----------|---|-------------|-------------|-----------|---|
| | χĎ | | 29 | 00000000 | Ä Ö | | 29 | | KD: | | 2 | |
| 23 | | | 19 | | | | 19 | ******* | | | 13 | |
| MINUTES | 14 | | 18 | 400000000 | 13 | | 38 | | 28 | | 18 | |
| 36 | 0.7 | | 17 | 00000000 mmmnnnnnnnnnnnnnnnnnnnnnnnnnnnnnnnnnn | 1.7 | | 17 | 20000000000000000000000000000000000000 | 0.7 | | 17 | |
| REES | | | 16 | | | | 16 | 6464644W | | | 16 | ************************************** |
| 1 DEGR | KT | | 15 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | X | | 15 | 48464844 | KT: | | 15 | |
| DE 4 | | 110N | 14 | | | ATION | 14 | | | ATION | • | 1 |
| ATTTUDE | 20 | RADIATIO | 13 | 1 | 20 | RADIA | 13 | | 20 | RADIA | 13 | 1 |
| HY L | Y: 0. | SOLAR | | 1 000000000000000000000000000000000000 | ۲: 0. | SOLAR | 12 | | Y: 0. | OLAR | 12 | |
| 2 | TIVITY | OURLY 3 | 11 | 1 | EFL ECTIVITY | HOURLY S | 11 | | EFLECTIVITY | RLY S | 11 | |
| KGS | EFLECTI | HOG | • | | EFLEC | HOH | 10 | | EFLEC | HOURE | 3.0 | |
| SPRINGS | * | | • | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | ~ | | • | 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | * | | 3 | 1 4 4 4 4 4 7 7 7 7 4 7 4 7 7 7 7 7 7 7 |
| RPCK | | | • | 1 | | | •• | 4444444 4744444 4744444 4744444 4744444 | | | * | 4004044444 400404444444444444444444444 |
| NO | .25 | | | ************************************** | . 98 | | | 10000000000000000000000000000000000000 | . 94 | | | M488666888 |
| LOCAFION | жо: 11 | | | 40000000 00000000 | | | • | | HO: 7 | | • | |
| _ | | SOUTH | 5 | | 11Z. H | SOUTH | 5 | | | SOUTH | | 00000000 |
| | HOR 12 | •• | • | 0000000 | HORIZ | •• | • | | HORIZ | | • | |
| | 1 | ATION | | | •• | ATION | | | • | ATION | | |
| | MONTH: | CRIENTAT | : | - MUNUNANA - 000000000000000000000000000000000000 | MCNTH: | ORIENTAT | - 7 | | MONTH: | ORIENT | ; | |

| | 0.148 | DAILY TOTAL | RADIATION | 4.11 5.50 77 | OMM | .Ú 1Ú | 0.167 | DAILY TOTAL | RADIATION | 公ままみよみらら あなりまなるがのは まりのてまなりかか | 0.176 | DAILY TOTAL | RADIATION | 0000000444 000400004 004000000 | |
|---------|---------|-------------|-----------|---|---------------|-------------|----------|-------------|------------|---|--|-------------|-----------|--|---------------------|
| | KD: | | NI | 0000 | <i>.</i> . | | KD: | | 20 | 00000000 | KD: | | 21 | 000000000 | |
| TES | | | 7 1 | 0000 | | | | | ~ 1 | 00000000 | | | 71 | 00000000 | |
| MINUT | 702 | | 7 | 0000 | | 00 | 629 | | 60 | 000000000 | 585 | | 138 | 000000000 | |
| 5 36 | 6 | | | 0.03 | 000 | 00 | | | 17 | 00000000 | ο. | | 17 | 00000000 | |
| EGREE | :: | | 16 | 0.19 | 1 | ייייי | | | 16 | | ت | | 16 | | |
| 41 D | 2 | z | 15 | 0000 80400 80504 | היו אין איו | 9.9 | × | z | ~ · | 000000000 00000000 000000000 000000000 | × | z | 15 | | |
| TUDE | | IATION | 7.4 | 0.52 0.70 0.70 | | ∞ .∞ | | ATIO | 710 | 14 | 00000000 0000000 04550000 0455000 | | IATIO | 14 | เกิดสุดเป็นเป็นเกิด |
| LATI | 0.20 | R RAD | 13 | 0.62 | 80.0 | | 0.20 | R RAD | 13 | | 0.20 | R RAD | 13 | W4NN000VV | |
| ¥ | I fY: 1 | SOLAF | 12 | 0.65 | 90.0.0 | 0.0 | ITY: (| SOLA | 12 | 0000000 440000000 88004088 | ITY: (| SOLAF | 12 | W420000LLV | |
| | ECTIV | OURLY | 7 | 0.62 | 800 | | ECT IV. | HOURLY | 1 1 | 00000000 400000000 400000000 | ECTIV] | OURLY | 11 | W4.WW. 0.00 0 LV | |
| RINGS | REFL | Ξ | 10 | 0.52 | ~ ~ ~ ° ° | ∞ ∞ | REFL | Ξ | | 00000000 00000000 0400000000 0400004466 | REFL | Ĩ | 10 | อกเกิดเลิงเกิด | |
| OCK SF | | | O | 0000 0.000 0.000 0.000 0.000 0.000 | . ייז יעי ניי | 9.9 | | | | 00000000 00000000 00000000 00000000000 | | | 6 | 000000000000000000000000000000000000000 | |
| RO | 9 | | 90 | 0.17 | n in in | , mm | 4 | | •0 | 000000000000000000000000000000000000000 | 6 | | * | 0.00 0.00 0.00 0.00 0.00 0.10 0.10 | |
| OCATION | 5.8 | | ~ | 0.02 | 9000 | 00 | 4.1 | | 1 | | 3.5 | | 7 | | |
| 100 | . но: | H . | | 0000 | | | . но: | 1H | 1 | | . HO: | 1 H | 9 | 00000000 | |
| | AORIZ | SOUT | 5 | 0000 | | | HORIZ | SOUTI | | | HORIZ | SOUTI | - 1 | 000000000 | |
| | 10 | T I ON: | | 0000 | | | 11 | TION: | | 00000000 | 12 | TION: | | 00000000 | |
| | HINOM: | ORIENTATI | ; | -0.00 | | | MONTH: | ORIENTA | - | 11. 10.0 10.0 220.00 330.00 40.00 60.00 | MONTH: | ORIENTA' | ; | 220.00 320.00 320.00 440.00 | |

| | 5 |
|-----------------------------------|--|
| 46 MINUTES | 0 2 2 |
| MY LATITUDE 44 DEGREES 46 MINUTES | |
| LATITUDE | 6 |
| | 00 0 . X + 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| 4 SHERIDAN | |
| OCATION | 7 |
| LOC | |
| | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| | , |

| | 0.185 | DAILY TOTAL | RADIATION | 100000000 660000000 80001 | 0.186 | DAILY TGTAL | RADIATION | <i>COMUNUMUM 4811 4811 4811 4811 4811 4814 </i> | 0.188 | DAILY TOTAL | RADIATION | W4444444 | | | |
|---------|--------|-------------|-----------|--|--------|-------------|-----------|--|--------|-------------|--|---|-------|--|--|
| | ΚĐ: | | ~ 1 | 00000000 | KD: | | 20 | 00000000 | KD: | | 20 | 00000000 | | | |
| L S | | | ~ 1 | 00000000 | | | 19 | 00000000 | | | 19 | 000000000 | | | |
| | 65 | | ~ I | 00000000 | 55 | | 81 | 00000000 | 501 | | 18 | 00000000 | | | |
| \$ | 4.0 | | 17 | 00000000 | 9.0 | | | 000000000000000000000000000000000000000 | 0.5 | | 17 | MMHHHHHM | | | |
| GREES | | | 16 | 00000000 | КТ: | | 16 | HHHHHHHO | KT: | | 00.227 | | | | |
| 44 DE | X | | 15 | ことここここここ | | | 15 | 0000000 000000000000000000000000000000 | | | | | | | |
| UDE | | ATION | 14 | | | ATION | 51 | | | ATION | 14 | | | | |
| LATIT | .29 | RADI | 13 | | .20 | RADI | 13 | พลลลเทเกเกเก | .20 | RADI | 13 | 101010000000 | | | |
| <u></u> | TY: 0 | SOLAR | 12 | · · · · · · · · · · · | 1Y: 0 | SOLAR | 0 L A | OLA | 0 L A | 12 | 00000000 044 046 046 046 046 046 | TY: 0 | SOLAR | | 00000000 00000000 00000000000000000000 |
| | CTIVI | OURLY | 11 | 00000000 0000000 000000000000000000000 | CTIVI | OURLY | 11 | wa a a minininini | CTIVI | OURLY | ~ I | 10000000 10000000 10000000000000000000 | | | |
| | REFLE | 유 | 0 | 00000000000000000000000000000000000000 | REFLE | Н | | | REFLE | 2 | | | | | |
| RIDAN | | | 6 | 00.000 | | | | 0000000 0000000 0000000000000000000000 | | | 6 | 0000000 000000 000000 00000000 00000000 | | | |
| SHE | | | ∞ | 00000000000000000000000000000000000000 | | | | 00.112 00.116 00.118 00.119 | | | _ [| 00000000000000000000000000000000000000 | | | |
| NOIL | 3.63 | | | 00000000 | 5.46 | | 7 | | 7.58 | | | 00.000 | | | |
| LOCA | H0: | Ŧ | 9 | 00000000 | HO: | × | 9 | | H0: | æ | • | | | | |
| | HORIZ. | SOUT | ٥ | | HORIZ. | SOUTI | Ŋ | 0000000 | HORIZ. | SOUTH | 5 | 000000000 | | | |
| | ~ | : NOI | | 00000000 | ~ | : D.Y. | æ | | m | :NOI | ক | | | | |
| | MONTH: | ORIENTAT | ; | 22000000000000000000000000000000000000 | MONTH: | ORIENTAT | | 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | MONTH: | ORIENTAT | Ţ | 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | | | |

| | 0.133 | DAILY TOTAL | RADIATION | 4000000044 8011111084 8011111084 | 0.184 | DAILY TOTAL | RADIATION | W 4 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 0.177 | DAILY TOTAL | RADIATION | \$ | |
|--------|----------|-------------|-------------|--|---------|-------------|------------|--|--|-------------|-----------|--|---|
| | KD: | | | 00000000 | <u></u> | | 20 | 0000000 | KD: | | 20 | | |
| res | | | I | 00000000 | | | | 0.0000000000000000000000000000000000000 | | | 19 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | |
| MINUT | 497 | | 80 I | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | 530 | | | 0.123 0.123 0.009 0.007 0.007 0.007 | 580 | | 18 | | |
| S 46 | 0 | | 17 | 0.19 0.19 0.19 0.19 7.1.0 | 0 | | 17 | 00000000000000000000000000000000000000 | 6 | | | 0.32 00.28 00.28 00.28 00.29 00.19 | |
| EGREES | : | | 16 | 0000000 000000 00000000000000000000000 | - | | 16 | 44444444 | :- - | | 16 | 00.44 00.44 00.44 00.44 00.36 00.36 | |
| 64 D | × | 2" | 15 | 00000 4444 76444 76444 76444 | × | ~ | 2: | | 00000000 0000000 000000000000000000000 | <u>`</u> | 7 | 15 | 000000000 8444 800000000000000000000000 |
| TUDE | | IATION | 14 | 00000000 000000 0000000 00000000000000 | | IATIO | 14 | | | IATION | | 0.00 0.71 0.72 0.63 0.63 0.63 | |
| LATI | 0.20 | R RAD | 13 | | 0.20 | R RAD | | 0.65 0.71 0.71 0.70 0.70 0.65 0.65 | 0.20 | R RAD | 13 | 00.000000000000000000000000000000000000 | |
| ž Ž | ITY: | SOLA | 12 | 00000000000000000000000000000000000000 | ITY: | SOLA | ~ (| 90111119 | ITY: | SOLA | 12 | 00.00 | |
| | ECTIV | OURLY | = | 1 00 00 00 00 00 00 00 00 00 00 00 00 00 | ECTIV | OURLY | 11 | 0.65 0.70 0.70 0.70 0.70 0.65 0.65 | ECTIV | OURLY | 11 | 0 . 7 . 0 . 0 . 7 . 0 . 0 . 0 . 0 . 0 . | |
| z | REFL | π | 10 | 10000000000000000000000000000000000000 | REFL | π | 10 | 000000000 | REFL | I | 10 | 000000000 | |
| ERIDA | | | 6 | 00 00 00 00 00 00 00 00 00 00 00 00 00 | | | | 00.00 00.00 00.00 00.00 00.00 00.00 | | | | 1 00 00 00 00 00 00 00 00 00 00 00 00 00 | |
| SH | 5 | | ∞ | 100 100 100 100 100 100 100 100 100 100 | 6 | | •• | 0.40 0.40 0.38 0.38 0.38 0.38 0.38 | м | | | 00000000000000000000000000000000000000 | |
| ATION | 9.7 | | 7 | 10000000 | 11.1 | | 7 | 0 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 11.7 | | 7 | 00.000000000000000000000000000000000000 | |
| 100 | . HO: | H | 9 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | HO | OUTH | • | 00.00 | . H0: | H | 9 | 0.0000000000000000000000000000000000000 | |
| | HORIZ | SOUT | ī. | 000000000 | HORIZ | Sou | - 1 | 00000000 | HORIZ | sou | Ŋ | 000000000000000000000000000000000000 | |
| | ড | TION: | | | Ŋ | TION: | | 00000000 | 9 | TION: | | | |
| | MONTH: | GRIENTA | - | 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | MONTH: | ORIENTA | | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | MONTH: | ORIENTA | ; | 20000000000000000000000000000000000000 | |

| | 0.160 | AILY TOTAL | RADIATION | 7.34 | 4 | : -: | 6.4 | • •0 | 0.161 | DAILY TOTAL | RADIATION | * | 9 | • | | ٠, د م | 9.4. | ٥. | 0.167 | DAILY TOTAL | RADIATION | 4 N N N N N N N N N N N N N N N N N N N | | | | | |
|---------|---------|-------------|-----------|----------------------|--------|----------------|-----|---|--------|-------------|-----------|-----|-------|-----|------------|-----------|--------|------------|------------|-------------|---------------|--|-----|---------|-----|----|-------|
| | KD: | ۵ | 20 | 000 | • • | | ٠ | | χ Έ | 1 | | 1 | • • | • | • • | • | 00 | • | KD: | | 2 | 00000000 | | | | | |
| ES | | | 19 | 0.00 | 900 | | 0,9 | | | | ~ | 1 | • • | • | • • | ٠ | . 0 | • | | | ~ | 00000000 | | | | | |
| MINUT | 26 | | _ | 0.15 | : -: ° | • | 0.9 | | 53 | | ~ | = | | 0.5 | .0 | 0,0 | 0.03 | o . | 27 | | 8 | | | | | | |
| 46 1 | 0.6 | | 17 | 0.32 | 200 | .52 | .24 | .16 | 9.0 | | | 26 | .24 | .53 | .22 | .23 | 0.18 | .16 | 9.0 | | i | | | | | | |
| REES | | | 16 | 05.00 | , 45 v | . 46 | 44. | 32 | | | 16 | 6.1 | . 43 | 44. | . 63 | | 39. | . 36 | | | 16 | | | | | | |
| 4 DEGRI | K7: | | 15 | | 99. | 6.49 | .63 | 5.00 | KT: | | 15 | 5.7 | | .63 | 63. | .63 | .59 0 | .55 | KT: | | 15 | 1 | | | | | |
| 1DE 4 | | TION | 14 | . 26 0 | | . 79 | .77 | 99. | | TION | J | 702 | 7. | .77 | | .78 | .75 0 | .70 | | TION | $\overline{}$ | | | | | | |
| ATITUDI | 20 | RADIA | | 1 | 06. | , s | .87 | .75 | 20 | RADIA | 13 | 77 | | 60. | | æ. • | .85.0 | 8. 0 | 20 | RADIA | | | | | | | |
| | TY: 0. | SOLAR | | | . 6. | . 91 | 06. | 7.00 | TY: 0. | SOLAR | 12 | 6 | 8. | 90 | . 92 | 26. | . 88 0 | 80 | TY: 0 | SOLAR | | , , , , , , , , , , | | | | | |
| -3 | INI | <u>></u> | 11 | 1 | 0.6. | , so | .87 | .75 | CTIVII | HOURLY S | | 7.4 | | .87 | | €. | 0.850 | . | IVI | HOURLY S | 11 | | | | | | |
| | REFLECT | HOUR | 10 | .80 | | . 29 | .77 | . 66 | EFLEC | ноп | HOU | HO | H0. | HOH | H0. | | | .75 | .77 | | | 0.75 | .70 | REFLECT | H01 | 10 | 27777 |
| ERIDAN | | | o | 0.65 0 | 99. | . 65. 64. | .63 | . 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5 | _ | | 6 | 1 6 | .61 | 63 | .63 | .63 | 0.59 | .55 | 46. | | 6 | 000000000000000000000000000000000000 | | | | | |
| SHE | | | •0 | 0.50 | . 65 | , ý , t | 46 | 4.W. | | | •0 | | . 4 T | 55. | . 4. 4. | .43 | 0.39 | . 36 | | | •0 | 00000000000000000000000000000000000000 | | | | | |
| ATION | 11.19 | | 7 | 0.32 | 200 | 22. | 54 | . 20 | 9.68 | | ~ | 1 3 | .24 | .23 | 22. | 7.5 | | . 16 | 7.55 | | ^ | | | | | | |
| LOCA | H0: | I | 9 | 0.15 | 101 | 20. | 90. | | H9: | I | 9 | - | 90. | .05 | | ÷0. | 20.0 | .03 | .OH | × | 9 | | | | | | |
| | HORIZ. | SOUT | | 0.02 | 90 | - 0 | 0 | 0.0 | HORIZ. | SOUT | īŲ | 1 | | • | | • | 90 | • | IORIZ. | SOUT | | 00000000 | | | | | |
| | ~ | ION: | | 0.00 | • • | | • | | * | ION: | 4 | 1 | | • | | • | . o. | • | £ | ION: | 4 | 00000000 | | | | | |
| | MONTH: | ORIENTAT | i | 7117 0.0 10.00 | | 5 G | 0.0 | 00 | MONTH: | ORIENTAT | i | ۲, | | 0.0 | 0.0 | 5.0 | 50.00 | 0.0 | HINON | ORIENTAT | i | 11[1 10.00 225.00 225.00 325.00 40.00 | | | | | |

| | 0.175 | DAILY TOTAL | RADIATION | 3.17 | 3.75 | 4.24 | 4.45 | 4.63 | 4.78 | 4.90 | 5.05 | 5.06 |
|------------------------|--------------------|------------------------|-------------------------------|------|-------|--------|--------|-------|-------|------|------|--------|
| | KD: | | 20 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| TES | | | 19 | 0.0 | 0.0 | ဘ ဝ | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 45 MINUTES | 0.591 | | 18 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0 | | 17 | 0.01 | 3.05 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| GREES | •• | | 16 | | | 0.20 | | | | | | |
| 44 DE(| XT: | | 15 | 62 | 34 | 0.30 | , 4 | 4.3 | 45 | 46 | 8 | ∞, |
| DE 4 | | TION | 14 | | | | | | | | | 0.64 (|
| WY LATITUDE 44 DEGREES | .20 | HOURLY SOLAR RADIATION | 10 11 12 13 14 15 16 17 18 19 | | | | | | | | | 9.74 (|
| _ ₩ | REFLECTIVITY: 0.20 | SOLAR | 12 | | | | | | | | | 0.78 |
| | CTIVI | URLY | 11 | \$ | 56 | 63 | 99 | 69 | 7.1 | 72 | 74 | |
| | REFLE | HO | 10 | | | | | | | | | 99.0 |
| SHERIDAN | | | 6 | | | | | | | | | 0.48 |
| SHE | | | • | 14 | . 18 | 0.50 | .22 | .23 | .24 | 0.25 | . 26 | 9.56 |
| LOCATION | 5.36 | | 7 | 0.1 | . 02 | | . 02 | . 02 | . 02 | . 02 | 0.5 | 0.02 |
| LOCA | : OH | × | 9 | 0 | 0 | 0.0 | 6 | _ | _ | | 0 | 0.0 |
| | HORIZ. HO: 5.36 | SOUTH | 5 | 0.0 | • | 0.0 | • | • | • | • | • | 0.0 |
| | 10 | :NOI | 4 | | 0.0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 | 0 | |
| | MONTH: | ORIENTATION: | 1 1 1 1 | 0.0 | 10.00 | 20.00 | 25.00 | 30.00 | 35.00 | | 0.0 | 0.0 |

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| 0.186 | DAILY TOTAL | RADIATION | MUNUNUNUNUNUNUNUNUNUNUNUNUNUNUNUNUNUNUN | 0.186 | DAILY TOTAL | RADIATION | 11.22.22.22.22.22.22.22.22.22.22.22.22.2 |
|------------|------------------------|-----------|---|----------|-------------|-----------|---|
| KD: | | 20 | 00000000 | ΚĐ: | | 20 | |
| | | 19 | : | | | 19 | |
| 517 | | 18 | 1 | 470 | | 200 | |
| 0. | | 17 | 00000000 | | | _ | 00000000 |
| <u>:</u> | | 16 | | ·· | | ç | 000000000 |
| X | _ | 15 | 00000000 | K T | _ | 15 | 100000000 |
| | HOURLY SOLAR RADIATION | 14 | UNM44444 WUWOWWVV | | ATION | 14 | 00000000 |
| .20 | | 13 | 00000000 | .20 | RADIA | 13 | 000000000 |
| 17Y: 0 | | 12 | W445000000 4000000000 | 11Y: 0 | SOLAR | 12 | |
| FLECTIVITY | | 11 | 00000000 | FLECTIVI | HOURLY | 11 | 00000000000000000000000000000000000000 |
| REFLE | ¥ | 10 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | REFLE | H | 10 | 00000000000000000000000000000000000000 |
| | | 6 | | | | 6 | 00.13 |
| _ | | ∞ | 20000000000000000000000000000000000000 | | | • | 000000000000000000000000000000000000000 |
| 3.60 | | | 00000000 | 2.96 | | 7 | |
| HO: | Ξ | | 000000000 | . OH | Ŧ | | |
| HORIZ. | SOUTH | | 000000000 | HORIZ. | SOUTH | | |
| 11 | ITION: | | 00000000 | 12 | : NOI 1 | 4 | |
| MONTH: | ORIENTATION | - | 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | MONTH: | ORIENTATION | | 7111 0.00 120.00 320.00 350.00 50.00 |

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